

20010813.qrp v02_n280.qrl.20010813

Date: Mon, 13 Aug 2001 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2280

QRP-L Digest 2280

Topics covered in this issue include:

- 1) [104703] Re: QRP-H
by "George, W5YR" <w5yr@att.net>
- 2) [104704] re:QRP-h
by "KB8JRB" <kb8jrb@columbus.rr.com>
- 3) [104705] From the OH/Penn DX Bulletin...
by John Harper AE5X <ae5x@qsl.net>
- 4) [104706] Re: Receiver
by "TC Dufresne" <tdufresne@neb.rr.com>
- 5) [104707] For Sale: 2.4 GHz downconverter
by Paul Womble <pwomble1@tampabay.rr.com>
- 6) [104708] For Sale: antennas and a 2m rig
by Paul Womble <pwomble1@tampabay.rr.com>
- 7) [104709] PSK-31 Expedition to the Boundary Waters
by "Don Snider" <dsnider@speakeasy.org>
- 8) [104710] Re: "Micro" TE-NE-KEY - Review (long)
by DYARNES@aol.com
- 9) [104711] Paddles - How does the Norcal Paddle Kit Rate?
by "Mike Pupeza" <mpupeza@sympatico.ca>
- 10) [104712] [Fwd: 2N2/40]
by John Wagner <john@wagner-usa.net>
- 11) [104713] FB Pixie QSO
by "N7SG K7FD" <k7fd@hotmail.com>
- 12) [104714] KB9YIG final cub fox log for 8/8 0200-0400 Z
by "Tony Parks" <robert.parks11@gte.net>
- 13) [104715] OT: Charge for RS Catalog
by ARDUJENSKI@aol.com
- 14) [104716] Re: RFC: LEARN CW IN 30 DAYS--NOT SPAM ;-)
by Fran Flynn <fflynn@adelphia.net>
- 15) [104717] Re: Beacon on 28.271
by "Phil (VA3UX)" <phil@vaxxine.com>
- 16) [104718] Re: "Micro" TE-NE-KEY - Review (long)
by "Mike Malone" <mmalone@worldlogon.com>
- 17) [104719] FOX: Final log from N1Q0 for 8/8/2001
by John Wagner <john@wagner-usa.net>
- 18) [104720] SIERRA
by medic361@att.net
- 19) [104721] Need info

- by Bill Walker <kd7jzb@mindspring.com>
- 20) [104722] Fw: PSK-31 Expedition to the Boundary Waters
by Don KCOGMF <donkc0gmf@juno.com>
- 21) [104723] Re: Fw: PSK-31 Expedition to the Boundary Waters
by Pete Burbank <plburbank@kih.net>
- 22) [104724] Re: Need info
by "Leon Heller" <leon_heller@hotmail.com>
- 23) [104725] Collect QRP-L #'s and win valuable prizes!
by "Steven Weber" <kd1jv@moose.ncia.net>
- 24) [104726] Re: Collect QRP-L #'s and win valuable prizes!
by "Trevor Jacobs" <fxtech@earthlink.net>
- 25) [104727] Re: PSK-31 Expedition to the Boundary Waters
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 26) [104728] Re: Stable 20 Meter VFO Questions
by Hans Summers <Hans.Summers@tudor.com>
- 27) [104729] Re: [fpqrp] Anti-ARRL Sentiment
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 28) [104730] Backpack Antenna
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [104731] EZNEC
by "Karl F. Larsen" <k5di@zianet.com>
- 30) [104732] Re: Stinger Singer among the missing
by n2cx@voicenet.com
- 31) [104733] Re: LEARN CW IN 30 DAYS--NOT SPAM ;-)
by "Rod Cerkoney, NØRC" <rod@n0rc.com>
- 32) [104734] QRP-H ?
by "KB8JRB" <kb8jrb@columbus.rr.com>
- 33) [104735] KØEVZ FOX Log v. 1.1
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 34) [104736] Re: Collect QRP-L #'s and win valuable prizes!
by Bruce Muscolino <w6toy@erols.com>
- 35) [104737] QRP-L Code hour--Improve your speed and usage in 30 days.
by "Rod Cerkoney, NØRC" <rod@n0rc.com>
- 36) [104738] Re: Collect QRP-L #'s and win valuable prizes!
by <baltimoremd@baltimoremd.com>
- 37) [104739] RE: Receiver
by "AI2Q Alex" <ai2q@adelphia.net>
- 38) [104740] Re: OT: Charge for RS Catalog
by William R Colbert <w5xe@juno.com>
- 39) [104741] Re: Collect QRP-L #'s and win valuable prizes!
by William R Colbert <w5xe@juno.com>
- 40) [104742] Re: Collect QRP-L #'s and win valuable prizes!
by Dave Sjolin <sjolin@swbell.net>
- 41) [104743] Re: LEARN CW IN 30 DAYS--NOT SPAM ;-)
by "Richard J. Housden" <wa8nta@arrl.net>
- 42) [104744] Fw: PSK-31 Expedition to the Boundary Waters
by "Walt Amos" <k8cv@netzero.net>
- 43) [104745] W1PID / VY2 trip off

by Jim Cluett <w1pid@yahoo.com>

44) [104746] Re: Collect QRP-L #'s and win valuable prizes!
by AC5JH@aol.com

45) [104747] Michigan QRP Net Tuesday 9:00 PM Eastern Time (0100 Z) on 3.535 M
Hz
by "Kwik, Ed " <ed.kwik@delphiauto.com>

46) [104748] Re: [fpqrp] Anti-ARRL Sentiment
by Daryl Cline <wb4yex@yahoo.com>

47) [104749] Re: EZNEC
by "George, W5YR" <w5yr@att.net>

48) [104750] Re: Fw: PSK-31 Expedition to the Boundary Waters
by <igeq100@iupui.edu>

49) [104751] EZNEC engine
by "Karl F. Larsen" <k5di@zianet.com>

50) [104752] RE: EZNEC engine
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

51) [104753] RE: [fpqrp] Anti-ARRL Sentiment
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

52) [104754] QRP Forum at the ARRL SW Division Convention
by "Phinizy, William" <wphinizy@filenet.com>

53) [104755] Re: Collect QRP-L #'s and win valuable prizes!
by Bruce Muscolino <w6toy@erols.com>

54) [104756] RE: Resonant vs. Nonresonant Antenna
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>

55) [104757] Re: EZNEC engine
by "Chris Trask" <ctrask@qwest.net>

56) [104758] Re: Resonant vs. Nonresonant Antenna
by "George, W5YR" <w5yr@att.net>

57) [104759] MMANA vs EZNEC
by John R Kirby <n3aaz-qrp@juno.com>

58) [104760] How do you Know if your ground is good
by Mike and Maile Neiner <polohat@yahoo.com>

59) [104761] Antenna, resonant or otherwise
by John R Kirby <n3aaz-qrp@juno.com>

60) [104762] From the crumdgen
by "Walt Amos" <k8cv@netzero.net>

61) [104763] Re: OT: Charge for RS Catalog
by "Francis Callahan" <colcal@srv.net>

62) [104764] Need TT2 Pix
by "Roger A. McCarty" <rmccarty@earthlink.net>

63) [104765] Wanted!
by Jfelts202@aol.com

64) [104766] Re: Need TT2 Pix
by Stephen M Smith <sigcom@juno.com>

65) [104767] Re: Collect QRP-L #'s and win valuable prizes!
by "David Porter" <aa3ur@home.com>

66) [104768] CSS Receiver -- anyone built it??
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>

- 67) [104769] Re: Wanted!
by "Rob Matherly" <kc0bom@yahoo.com>
- 68) [104770] Re: Collect QRP-L #'s and win valuable prizes!
by <baltimoremd@baltimoremd.com>
- 69) [104771] RE: [fpqrp] Anti-ARRL Sentiment
by Mike Gipe <mgipe@reliablemeters.com>
- 70) [104772] Re: OT: Charge for RS Catalog
by Bruce Muscolino <w6toy@erols.com>
- 71) [104773] Re: [fpqrp] Anti-ARRL Sentiment
by Bruce Muscolino <w6toy@erols.com>
- 72) [104774] MRX-40 Receiver kit? Plus FT817 info
by MITCHELLRI@aol.com
- 73) [104775] Ameco AC-1 (was Re: Wanted!)
by Stephen M Smith <sigcom@juno.com>
- 74) [104776] Re: OT: Charge for RS Catalog
by "Randy Randall" <RANDALLR@Healthall.com>
- 75) [104777] RE: MMANA vs EZNEC
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 76) [104778] RE: [fpqrp] Anti-ARRL Sentiment
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 77) [104779] Neon Bulbs
by delphinus@brightok.net
- 78) [104780] Re: OT: Charge for RS Catalog
by "John Dorson" <JDORSON@worldshare.net>
- 79) [104781] Re: EZNEC
by Bob Nielsen <nielsen@oz.net>
- 80) [104782] OT: Moving to OK!
by k5oi@arrl.net
- 81) [104783] Re: EZNEC
by "Karl F. Larsen" <k5di@zianet.com>
- 82) [104784] My Backpacking Rig for ARS Rendezvous
by Ed Kessler <edkess@pa.net>
- 83) [104785] Re: OT: Charge for RS Catalog
by Bruce Muscolino <w6toy@erols.com>
- 84) [104786] RE: Neon Bulbs
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 85) [104787] TT2 in an Electrical Box!
by wb2vuo@juno.com
- 86) [104788] Re: Neon Bulbs
by Phil Wheeler <w7ox@earthlink.net>
- 87) [104789] Re: RBA-1 Balun (Was LDG Balun Problems)
by Phil Wheeler <w7ox@earthlink.net>
- 88) [104790] Re: Neon Bulbs
by Phil Wheeler <w7ox@earthlink.net>
- 89) [104791] Announcing - QHB Extra!
by "George Heron N2APB" <n2apb@erols.com>
- 90) [104792] Re: Neon Bulbs
by "Leon Heller" <leon_heller@hotmail.com>

- 91) [104793] Re: Announcing - QHB Extra!
by "Bill Jones" <kd7s@psnw.com>
- 92) [104794] Neon Bulbs
by "Charles Mabbott" <crmabbott@mediaone.net>
- 93) [104795] Re: Collect QRP-L #'s and win valuable prizes!
by Bill ROWLETT <kc4atu@yahoo.com>
- 94) [104796] NEC2D Yorick
by "Karl F. Larsen" <k5di@zianet.com>
- 95) [104797] Re: Neon Bulbs
by Phil Wheeler <w7ox@earthlink.net>

Date: Sun, 12 Aug 2001 18:03:10 -0500
From: "George, W5YR" <w5yr@att.net>
To: kb8jrb@columbus.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104703] Re: QRP-H
Message-ID: <3B770B2E.3798CA57@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The QRP-L website is at

<http://qrp.lehigh.edu/lists/qrp-l/>

according to John Wagner, N1Q0.

Is that what you are looking for?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Charles Binkley wrote:

>
> Can anyone tell the Address to the QRP-H on the net ?
> kb8jrb #2292

--

Date: Sun, 12 Aug 2001 19:08:01 -0400
From: "KB8JRB" <kb8jrb@columbus.rr.com>
To: "QRP-L" <qrp-l@Lehigh.edu>

Subject: [104704] re:QRP-h
Message-ID: <004001c12383\$a28b2340\$39575f18@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry but NO! There is one on the WEB. some where I read it but did not write it down. Its something like : <http://www.qrp-h.???/?????> something like thatKB8JRB

QRP-ARCI # 8141
QRP-L @ 2292
6mt NET # 581

Date: Sun, 12 Aug 2001 19:08:55 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [104705] From the OH/Penn DX Bulletin...
Message-ID: <001b01c12383\$c2b1ba80\$5b7abc18@johnharp>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

A2, BOTSWANA. Harry, W6DX0, will be active from 2 Safari camps in Botswana from September 19-29th. He has been assigned the callsign A25/KG6GPA. His operating conditions mandate battery powered QRP Ops. His equipment will consist of a Yaesu FT 817, multiple hi-capacity gel cells and a portable 20M dipole. Operations will be concentrated on 20 meters SSB. QRP stations are encouraged to listen for A25/KG6GPA as an effort will be made to work as many other QRP stations as possible. QSL direct only to: W6DX0.

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

Date: Sun, 12 Aug 2001 23:39:32 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <ac5ez@webtv.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [104706] Re: Receiver
Message-ID: <003501c1237f\$a7cf8b60\$0dba1c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow! What a loaded question! I won't even TRY to list my reasons, only tell you what I did.

The Radio Shack (read Sangean) receivers are pretty good, I like my DX-398. About the size of my Bible, and does a great job with a modest antenna. real cute looking too :) Operates on batteries, or converter. About \$199 out the door. Look for sales, there' re always on sale.

I use a "giant loop" antenna that runs the perimeter of my back yard. I get all bands pretty well. Good copy, especially on 10-40 meters. Copies ARRL code xmissions FB. Also, as a bonus, I can use it to copy RTTY and PSK-31 QSO's. Just plugs right into my computer sound card.

It also follows me on whatever trip I make, keeps me sharp with my CW. Like I said, its about the size and mass of a smal Bible, King James version :)

I'll also add that I use it for my receiver for my homebrew rigs. Just today I had a nice QSO with a WL7 ham, he's in Anchorage, AK, I'm in Lincoln, NE. Good enough for you?

It was great until XYL decided to use the microwave at the exact instant said ham was sending his call.

Boy! I'm still in the doghouse for "yelling" at her..... I REALLY didn't yell, it was more of a plea...

Oh well, just my two cents

BTW, my transmitter was a ARRL design (circa 1980's) homebrew 15 meter rig at abt 2 watts. Tres cool, Non?

Tom
KC0GXX

Date: Sun, 12 Aug 2001 19:40:11 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Cars List <cars@k4ksa.org>, FL Ham <flham@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [104707] For Sale: 2.4 GHz downconverter
Message-ID: <3B7713DB.53EF186D@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Drake 2880 Microwave Downconverter. Receive 2.4GHz downlinks from A040, D017, etc.

Converts the 2.4GHz signal to 144 MHz.

This unit has had the IF Amp and Local Oscillator (crystal change).
Needs about 2 minutes with a 2.4GHz signal source for final alignment.
See the complete details on downconverter at:

<http://www.din.or.jp/~m-arai/sband/convmode.htm>

\$145.00 shipped in the US.

Digital pics available upon request.

73

Paul K4FB

Date: Sun, 12 Aug 2001 19:50:47 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Cars List <cars@k4ksa.org>, FL Ham <flham@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [104708] For Sale: antennas and a 2m rig
Message-ID: <3B771657.7B75BECC@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Cushcraft AR-6 Six Meter Vertical
In good condition. Includes manual.
\$ 50 plus shipping.

Cushcraft AR-10 Ten Meter Vertical
In good condition. Includes manual.
\$ 45 plus shipping

Yaesu FT-2400 2m transceiver.
In good condition. Includes original box, manual, power cord, etc.
\$145 plus shipping.

Digital pics available upon request.

73

Paul K4FB

Date: Sun, 12 Aug 2001 20:13:34 -0400
From: "Don Snider" <dsnider@speakeasy.org>
To: <qrp-1@Lehigh.EDU>
Subject: [104709] PSK-31 Expedition to the Boundary Waters
Message-ID: <000501c1238c\$cb27a090\$27905c42@RHRS.RHRS.COM>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Every year I go to the Boundary Waters of northern Minnesota to canoe and fish. When I can, I take a small cw rig for making contacts while in camp. This year will be a bit different. I'm attempting to take a complete PSK-31 rig including a computer into the Boundary Waters. Please read about it at <http://n3mk.com/bwca-psk31-2001.htm> . Successfully operating a PSK-31 station from the BWCA will be a challenge but I think it will be a lot of fun. Technical suggestions are welcome!

Please feel free to email comments to me or to this list.

Website:
<http://n3mk.com/bwca-psk31-2001.htm>

73,
Don Snider
N3MK

Date: Sun, 12 Aug 2001 20:43:15 EDT
From: DYARNES@aol.com
To: david.gauding@bbs.galilei.com, qrp-1@lehigh.edu
Subject: [104710] Re: "Micro" TE-NE-KEY - Review (long)
Message-ID: <f.18c4247c.28a87ca3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 8/11/2001 9:34:14 PM US Mountain Standard Time,
david.gauding@bbs.galilei.com writes:

<< The little paddle features solid brass and phosphor bronze parts. And, the finger-pieces are adjustable without tools for travel. It's hard to describe in text form but the iambic mechanical design of the original TE-NE-KEY has been nicely transferred to the new product. Keying action is also fast and clean. My comfortable limit on CW is about 30 WPM and the "Micro" can exceed that easily. >>

I would just like to add my concurrence to Dave's comments. I acquired a couple of the little Micro paddles from Dennis when I went to Arkiecon last spring. Actually, I got to play with one first at Jay Bromley's house shortly after I arrived in Ft. Smith. I was very impressed with how well it worked, particularly in light of the fact that it is just about as small as you can make a paddle and still have something functional! The Micro is the hands down winner of the "most portable" class of paddles. The fact that it works so well is pure frosting on the cake.

I also bought one of Dennis's bigger (but not that big) TE-NE-KEYS at the same time, and it is a winner as well. It has the same functional design as the Micro, but is huskier and is generally intended to be operated from the table top like other paddles. I like it very much as well.

Dennis is a very innovative guy. Furthermore, he turns these ideas into quality products! I don't think you would be sorry if you parted with a few bucks to get one of his creations, particularly if you are looking for something to haul around for whatever reason. These don't replace a WBL or Schurr (IMHO). Maybe this doesn't make sense, but in my view you lose that "feel" of the higher class paddles but not the ability to send quality CW. These paddles fit a lot of "need" specs for portable or backpacking, etc.

Dave W7AQK

Date: Sun, 12 Aug 2001 21:23:06 +0100
From: "Mike Pupeza" <mpupeza@sympatico.ca>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [104711] Paddles - How does the Norcal Paddle Kit Rate?
Message-ID: <001901c1236c\$9abe7de0\$8700e440@pupeza>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I see all these comment on CW paddles, and how great the 'Classics' are, but I am interested in this question.

How does a properly made and adjusted Norcal Kit Paddle, rate with the users, in comparison to the commercial and 'Classic' paddles?

While I'm not a total CW buff, I have used my Norcal and have been able to adjust it to feel really great (to me)!

This is at speeds to about 18-20 WPM.

Am I missing some kind of Magic that the 'Expensive' ones have?

72, 73

Mike VE3EQP

Date: Sun, 12 Aug 2001 21:30:43 -0400
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104712] [Fwd: 2N2/40]
Message-ID: <3B772DC3.4F745DB8@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

This message was originally sent by Doug, KI6DS a couple of months ago. For those who will be participating in the upcoming 2N2/40 build, this article may be helpful. I'm placing an order tomorrow.

73 de John, N1Q0

Doug Hendricks wrote:

>
> Guys if you are interested in building the 2N2/40 from the QRPP article,
> (actually a whole issue devoted to one subject), you can order a copy of the
> issue from Paul Harden, NA5N, at Quicksilver Printing, PO Box 757, Socorro,
> NM 87801 for \$12 postpaid. Please enclose a self addressed mailing label
> and indicate that you are ordering the 2N2/40 Special Issue of QRPP.
>
> Hope this helps. 72, Doug

--
John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Sun, 12 Aug 2001 18:28:21 -0700

From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [104713] FB Pixie QSO
Message-ID: <F101LT8UeYM7Y2m8D1K00004ee1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Two great qso's today on an otherwise pretty bleak set of band condx...

...but moments ago I just worked WB7AEI Phil on his brand new, solder still warm, Pixie. His CQ of 200mw into a random wire at 17 feet were 569 into this qth on 7.040MHz at 0120Z. Congrats Phil, the Pixie was stable as a rock and sounded sweet as a canary! Happy to catch her on its first flight...

The other qso of note today was with Van NS6N/P at Canyon Lake, AZ...he was doing what I like best, K2'ing with a PW-1 down at the park. We had a pipeline, he peaking S8 here on 20m mid-morning.

QRP is just plain fun! There always seems to be a couple of nuggets out there just waiting to bring out a smile...

73 John K7FD

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 12 Aug 2001 20:41:07 -0500
From: "Tony Parks" <robert.parks11@gte.net>
To: <qrp-1@Lehigh.EDU>
Cc: <n1bp@wulfden.org>
Subject: [104714] KB9YIG final cub fox log for 8/8 0200-0400 Z
Message-ID: <006401c12399\$06d3d940\$e1f7153f@3dse0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

0201 W5YR 559 TX GEORGE 5W
0202 W6ABC 599 CA JACK 5W
0204 AF4PS 589 FL MAC 3W
0205 N2CQ 569 NJ KEN 5W
0206 N1TP 599 FL TOM 5W
0208 K0EVZ 579 ND DOC 5W
0209 N0DSP 599 CO TOM 5W
0210 K4BYF 589 FL JACK 5W

0213 K5DI 589 NM KARL 5W
0215 VA6RF 559 AB EARL 5W

0216 N5IB 559 LA JIM 5W
0218 KC1FB 559 CT JIM 3W
0221 VE6EX 559 AB DAN 5W
0224 W0CH 559 MO DAVE 1W
0225 K1VP 559 NH ED 5W
0229 WA7SPY 559 CA GLENN 5W
0230 K4GT 559 GA JIM 5W
0231 W3CD 599 CA BOB 5W
0233 KE6RS 559 CA RON 5W
0234 AC5JH 559 OK TOM 5W

0237 KG4FSN 559 FL JUAN 4W
0240 KI0II 559 CO RON 1W
0244 WB5DED 579 NM BILL 5W
0246 AD6JY 559 CA DAN 5W
0249 KM4YY 589 VA LEE 1W
0250 KB7WW 559 OR ART 5W
0252 W4NJK 559 CA CHARLIE 5W
0255 KN6YD 579 CA JEFF 2W
0258 AA7EQ 559 AZ BOB 5W
0259 VE6JAZ 559 AB ROB 5W

0302 K4TJD 579 GA TOM 5W
0303 AG0T 559 ND TODD 250MW
0307 N0RC 599 CO ROD 5W
0309 VE1MT 579 NS LAYTON 5W
0323 KJ5VW 559 TX GARY 5W
0327 KD5KXF 559 TX MIKE 5W
0329 N0HRL 559 MN KEN 5W
0342 W9UQB 229 AZ MIKE 5W
0343 N9NE/0 579 SD TODD 5W
0350 HR1RTF 469 HR RODNEY 100W

0400 KB9YIG 559 IN TONY 5W FOX

Date: Sun, 12 Aug 2001 21:38:02 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [104715] OT: Charge for RS Catalog
Message-ID: <112.3117613.28a8897a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I stopped in RS to pick up a few items and asked if the 2001 Catalog was out? They informed me that they came in but will not be distributed until the end of the week. It appears RS will be charging \$3 for them (at least here)

Alan KB7MBI in Woodinville, WA

Date: Sun, 12 Aug 2001 21:46:09 -0400
From: Fran Flynn <fflynn@adelphia.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [104716] Re: RFC: LEARN CW IN 30 DAYS--NOT SPAM ;-)
Message-ID: <3B773161.6DCBE9C8@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I used to study code by listening to W1AW just before sleeping, just after a jog in the evening.

There is something to be said for practicing a short time at regular intervals, rather than trying to learn all at once. A little at a time gets you there with less frustration. I am self-taught and I copy 40 wpm code.

Not to brag but I am also a self-taught touch typist at 35 wpm. I modeled typing practice after my code practice, except I don't run much these days. Each needs to find a suitable schedule to fit their needs.

I don't run much these days, maybe that's why my typing isn't so good.

But, daily practice seems to apply to anyone.

-Fran Km1z, a flatlander learning how to be a Vermonter. 73 to you Cal!

> As Bruce says the effects of time and practice vary with people.
>
> When I was instructing code to Air Force cadets and student officers, I
> broke up the 50-minutes classroom period into three sections:
>
> 20 minutes of code

>
> 10 minutes of enforced break time - mandatory to go outside the code lab,
> walk around, smoke, drink a coke, or whatever. The order was to clear your
> mind and forget about code as completely as possible.
>
> 20 minutes of code.

Date: Sun, 12 Aug 2001 21:49:19 -0400
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: hugo@optonline.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104717] Re: Beacon on 28.271
Message-ID: <5.0.2.1.0.20010812214529.009fb560@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

"S Zero" but copyable in the noise floor @ 0141Z in southern
Ontario. Listened several times today and this is the first time I heard
it (VWV de VE1/W1BKR/B Henry Island FN95 3W ANT GP AR).

Listening in an inverted "L".

Phil

At 05:33 PM 8/11/2001 -0400, Hugo wrote:
>VE1\W1BKR\B
>It's up and running
>3 Watts vertical antenna on top of lighthouse.
>See: www.members.aol.com/w1bkr
>
>Reports will be greatly appreciated.... today might be a little late but
>tomorrow during the day
>It will be unattended for a long time.
>Thanks Again.
>72
>Hugo
>AA1XV

Date: Sun, 12 Aug 2001 21:39:49 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: <DYARNES@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104718] Re: "Micro" TE-NE-KEY - Review (long)

Message-ID: <001901c123a1\$3a6ccc00\$92f5a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the micro and his regular one, I have a little teeny c clamp that I use to attach the micro to the bail on my k2. Dennis has one with a cup hook bolt clamp on the full size just for the K2 and is a steal for \$25 bucks or so. His keys are great!

Date: Sun, 12 Aug 2001 22:51:31 -0400
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104719] FOX: Final log from N1QO for 8/8/2001
Message-ID: <3B7740B3.E6565F61@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

N1QO Fox log 8/8/2001 0200Z-0400Z

0200 K4GT 55n GA JIM 5W
0202 N1TP 57n FL TOM 5W
0204 K4BYF 55n FL Jack 5w
0207 NV4V 55N KY Pete 5w
0208 W0CH 55N MO Dave 5w
0218 VE6EX 55N AB Dan 5w
0219 K9EVZ 55n ND Doc 5w
0220 AF4PS 57n FL Mac 2w
0222 K4TJD 55n GA Tom 5w
0223 VA6RF 55n AB Earl 5w
0224 KC1FB 55n CT Jim 3w
0226 K5DI 579 NM Karl 5w
0228 W5YR 55n TX George 5w
0230 K9DI 55n IL Wayne QRO
0247 KI0II 44n CO Aron 1w
0251 AA7EQ 55n AZ Bob 5w
0253 AC5JH 55n OK Tom 5w
0256 KB7WW 44n OR Art 5w
0258 RX3AP 569 Moscow Yuri QRO
0309 N0RC 55n CO Rod 5w
0316 AG0T 55n ND Todd 5w
0320 N0HRL 55n MN Ken 5w
0342 KD5KXF 55n TX Mike 5w
0344 WA7SPY 55n CA Glenn 5w

0359 N9NE 55n SD Todd 5w
0400 N1QO 55n VT Fox 5w

73 de John, N1QO

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Mon, 13 Aug 2001 02:49:41 +0000
From: medic361@att.net
To: qrp-1@Lehigh.EDU
Subject: [104720] SIERRA
Message-ID:
<20010813024941.RUZW15499.mtiwmhc22.worldnet.att.net@webmail.worldnet.att.net>

the 80 meter band module on my wilderness sierra is only
putting out 1 watt....while this is not a huge problem
it would be nice to know why it is not putting out
around 2-2.5 like i was expecting...any help would be
appreciated.....Dwayne KE4RVT

Date: Mon, 13 Aug 2001 03:27:34 +0000
From: Bill Walker <kd7jzb@mindspring.com>
To: qrp-1@Lehigh.EDU
Subject: [104721] Need info
Message-ID: <01081303273400.01263@deneb.localdomain>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi all,

I am working on some home brew stuff and need to know if Norcal still sells
crystals on 7.040 and 7.122 Mhz?

Also while I have your attention, I ran across a 74HC4046 in the junk box
today and am wondering if anyone has ever built a transmitter around this
chip?

If you can't remember or are just curious, this chip contains circuitry for a
PLL and VCO and according to the spec sheet, is good to 18Mhz. I have no
idea if it is stable enough or suitable for a QRP rig, that is why I am
asking. :-)

Thanks in advance for any replies.

72,

--

Bill Walker - KD7JZB
<http://www.qsl.net/kd7jzb/>

Date: Sun, 12 Aug 2001 21:14:23 -0500
From: Don KC0GMF <donkc0gmf@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [104722] Fw: PSK-31 Expedition to the Boundary Waters
Message-ID: <20010812.223958.-154255.4.DonKC0GMF@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Every year I go to the Boundary Waters of northern Minnesota to
>canoe and fish. When I can, I take a small cw
rig...(snipola)...Technical suggestions >are welcome!
>73,
>Don Snider
>N3MK

The best technical suggestion I can give is to hang your food packs up high and between two trees. Keep the packs at least 6 feet away from each tree so that the bears can't reach them. Also, visually confirm the existence of the toilet tissue stash!

Don KC0GMF
"CW, the Boot Camp of Amateur Radio"
DonKC0GMF@juno.com

Date: Sun, 12 Aug 2001 23:57:52 -0400
From: Pete Burbank <plburbank@kih.net>
To: donkc0gmf@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104723] Re: Fw: PSK-31 Expedition to the Boundary Waters
Message-ID: <5.0.2.1.0.20010812235143.00ac34c0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:14 PM 8/12/2001 -0500, Don KC0GMF wrote:

> >Every year I go to the Boundary Waters of northern Minnesota to
> >canoe and fish. When I can, I take a small cw
>rig...(snipola)...Technical suggestions >are welcome!
> >73,
> >Don Snider
> >N3MK
>
> The best technical suggestion I can give is to hang your food packs up
>high and between two trees. Keep the packs at least 6 feet away from
>each tree so that the bears can't reach them. Also, visually confirm the
>existence of the toilet tissue stash!
>
>Don KC0GMF
>"CW, the Boot Camp of Amateur Radio"
>DonKC0GMF@juno.com

Also don't forget the metal leaders for the Northern Pike and the Deepwoods
OFF.
Pete NV4V

Date: Mon, 13 Aug 2001 04:37:07 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: kd7jzb@mindspring.com, qrp-l@Lehigh.EDU
Subject: [104724] Re: Need info
Message-ID: <F112KU3yGgPcmc8pAcy00006829@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Also while I have your attention, I ran across a 74HC4046 in the junk box
>today and am wondering if anyone has ever built a transmitter around this
>chip?
>If you can't remember or are just curious, this chip contains circuitry for
>a
>PLL and VCO and according to the spec sheet, is good to 18Mhz. I have no
>idea if it is stable enough or suitable for a QRP rig, that is why I am
>asking. :-)

The VCO isn't much good (RC oscillator), but the phase detector used to be
quite popular for building PLL synthesisers with a decent VCO and external
dividers. Nowadays you'd be much better off with a proper synthesiser chip.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 13 Aug 2001 00:19:04 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [104725] Collect QRP-L #'s and win valuable prizes!
Message-ID: <200108130449.f7D4nnl21762@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Well, maybe you woun't win valuable prizes collecting QRP-L numbers, but it might be fun to set up something like the FISTS calling frequencies (048?) just to exchange qrp-l numbers and say a quick howdy. Unless someone wants to sponser such a thing (unlikely, but possible, I guess), it would be an informal type of thing. You just get to brag on the list when you reach 100 members or do a QRP-L WAS type of thing.

Comments, ideas?

72,
Steve, KD1JV in the White Mountains of New Hampshire
"Melt Solder"
<http://www.qsl.net/kd1jv/index.html>

Date: Sun, 12 Aug 2001 22:44:49 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104726] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <008101c123bb\$12443140\$a998b2d1@tjacobs>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That'd be great Steve except I never got a QRP-L #. How do you get one?

BTW the DDS VFO is going great. I have the LCD display working now, displaying the frequency with adjustable tuning steps from 1Hz to 1 MHz. Dave and I did some phase noise measurements on his HP Spectrum Analyzer and the phase noise is about 70 dB down at 22 MHz!!!!!! And the lower in frequency you go, the better. Now it's time to incorporate some EEPROM for memories...

Take care

72/73
Trev
KG6CYN

----- Original Message -----

From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, August 12, 2001 5:19 PM
Subject: Collect QRP-L #'s and win valuable prizes!

> Well, maybe you woun't win valuable prizes collecting QRP-L numbers,
> but it might be fun to set up something like the FISTS calling
> frequencies (048?) just to exchange qrp-l numbers and say a quick
> howdy. Unless someone wants to sponser such a thing (unlikely, but
> possible, I guess), it would be an informal type of thing. You just
> get to brag on the list when you reach 100 members or do a QRP-L WAS
> type of thing.
>
> Comments, ideas?
>
>
> 72,
> Steve, KD1JV in the White Mountains of New Hampshire
> "Melt Solder"
> <http://www.qsl.net/kd1jv/index.html>

Date: Mon, 13 Aug 2001 06:18:23 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: qrp-l@Lehigh.EDU

Subject: [104727] Re: PSK-31 Expedition to the Boundary Waters
Message-ID: <F43vjk022ZhCl8aii08000059a4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I hope to work you on PSK with the Warbler if you decide to take it along, I just got mine up and running the other day! Have to wait for a night off from work to play with it tho... 80m isn't that great at 10AM!!!

Dennis Ponsness - WB0WAO
EN84ij Iosco Cty, Mich.
WAC WAS DXCC VUCC WPX
NJ-QRP #329 QRP-L #2348

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 13 Aug 2001 08:15:21 +0100
From: Hans Summers <Hans.Summers@tudor.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [104728] Re: Stable 20 Meter VFO Questions
Message-ID: <0CFA3081B86BD311B37A00902762718F0152EFB9@po1-exch.lon.tudor.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

See <http://www.hanssummers.com/radio/huffpuff/contents.htm> for a collection of articles about the Huff Puff VFO stabilisation method.

73's

Hans, G0UPL

Date: Mon, 13 Aug 2001 18:09:43 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Rob Matherly <jimrob@jetnetinc.net>
Cc: Flying Pigs <fpqrp-l@mpna.com>, Low Power Amateur Radio Discussion <qrp-

l@Lehigh.EDU>
Subject: [104729] Re: [fpqrp] Anti-ARRL Sentiment
Message-ID: <3B778B46.4D019CC4@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: quoted-printable

Rob,

I thought that was an excellent response. Obviously I don't belong to ARRL but I'm certainly grateful for their existence.

I especially liked:

>Like it or lump it, the ARRL is the only game in town, and if it
weren't for
>them, there probably wouldn't even be ham radio.

Very true. If you don't like the policies of the ARRL or any other organization? If you are eligible, then join and work democratically from within for change.

I find if no change is forthcoming on that basis, then I simply don't have rank and file support in the first place

72/73's

Ian Purdie
"I believe Australia is the best address on earth"
Budgewoi N.S.W. Australia - Co-ords S33=B014', E151=B034'
My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>
VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91
URL - <http://www.electronics-tutorials.com/>

Date: Mon, 13 Aug 2001 05:28:56 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [104730] Backpack Antenna
Message-ID: <Pine.LNX.4.33.0108121707020.2359-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

After testing I discovered the lengths I calculated were wrong. I used the simple:

length in feet = (468/frequency in MHz)

and got the lengths for 40, 30, 20 and 17 meters. So re-calculated and everything works right except 15 meters.

Talking about one of 2 sides which are the same here is the length used and it works good:

Center to first insulator = 12.9 feet = 12 feet 11 inches

First to second insulator = 3.7 feet = 3 feet 8 inches

Second to third insulator = 6.52 feet = 6 feet 6 inches

Third insulator to end = 9.83 feet = 9 feet 10 inches

At each insulator the 2 wires have mating plugs on them so it can be shorted out when needed. The insulators are small pieces of perf board and the wire is tied to an end of it with a square knot. You need 6 insulators and a center insulator which is much larger and has the coax tied to it that feeds the antenna. The coax has 4 ferrite beads taped on to serve as a balun where the coax attaches to the balanced antenna.

I made the 40 meter section resonant at 7.1 MHz which is best for 40 but makes 15 meters bad. I have a high SWR at 21.02 but it gets better as you go up and is best at 21.35 MHz.

The whole antenna, wire, insulators, coax and rope is in a large plastic zip top bag. This will fit in my backpack with ease and it's light.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 13 Aug 2001 05:39:27 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [104731] EZNEC
Message-ID: <Pine.LNX.4.33.0108130530300.1270-100000@localhost.localdomain>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have never used this software but do hear it's quite good for simple antenna. It is for sure a system that uses numerical analysis to calculate antenna parameters and it can be quite accurate. I would like to know how it calculates antenna radiation efficiency. The source code would show that.

WB5LHV Charlie has a copy of some antenna calculation software on his computer. I will see if it gets the same numbers that EZNEC does.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 13 Aug 2001 07:44:39 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu
Subject: [104732] Re: Stinger Singer among the missing
Message-ID: <200108131144.f7DBicn168518@nss4.cc.lehigh.edu>

Gang,

The missing SSS has been located and is on the way home to me.

Now if only I could locate the stuff I mislaid after the NJQRP meeting the week before...

I'm losing track of everything. Guess my mind is next. :-)

72/73,

Joe E., N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Mon, 13 Aug 2001 06:35:21 -0600
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104733] Re: LEARN CW IN 30 DAYS--NOT SPAM ;-)
Message-ID: <005c01c123f4\$6b7337f0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I have been asked, why not 7110 for the benefit of Tech+ license holders?

I've been thinking about this all weekend. here's how I feel about it. Now that 5wpm is the norm for all licenses, getting to General is not all that hard. So I'm inclined to keep this effort on the frequencies listed. In essence this becomes "incentive" to upgrade, like days of old Novice, General...etc. to earn more privileges.

Let's keep the frequencies as I posted, possibly extending the range to +/- 5kHz to allow navigation around FISTS frequencies.

If you're a Tech+, crack those books and nail that General exam. We won't be starting this until late Sep., there is plenty of time.

Hope to hear a few "/Gs" in the mix

73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, August 11, 2001 10:02 AM
Subject: Re: LEARN CW IN 30 DAYS--NOT SPAM ;-)

> Okay, I'm getting some good feedback on this idea so I drew up a more

> detailed plan to consider and comment on.

...

> WHERE:

>

> 7040 +/- 3kHz (Watch out for Fox Hunts, or join in!)

> 10116 +/- 3kHz (WOW CAN YOU THINK OF A BETTER BAND THAN 30)
> 14060 +/- 3kHz (DXers wanted and WELCOME)
>
>
>
...

Date: Mon, 13 Aug 2001 08:41:12 -0400
From: "KB8JRB" <kb8jrb@columbus.rr.com>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [104734] QRP-H ?
Message-ID: <003b01c123f5\$3d1db000\$39575f18@columbus.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has any body, seen, read, was told, about a WEB Address for QRP-H ?
I thought I read it some where but can not find it now.

Bink KB8JRB
QRP-ARCI # 8141
QRP-L # 2292
6mt NET # 581

Date: Mon, 13 Aug 2001 08:42:44 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>, "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [104735] K0EVZ FOX Log v. 1.1
Message-ID: <200108130842_MC3-DC47-C12D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

Several have already written with updates to my FOX Log for last Thursday=

evening. There is still time for *you* to write, as well. So if you see= something needing correction, please let me know ASAP. Thanks.

Time	Call	RST	SPC	Name	PWR	
0201	N5TW	559	TX	Tom		5 =
0201	K5LN	559	TX	Bill		5
0201	N0RC	559	CO	Rod		5
0202	W6ABC	559	CA	Jack		5
0203	N0TK	559	CO	Dan		3
0204	K5AAR	559	OK	Don		5
0204	K5DI	559	NM	Karl		5
0206	KA1LM	559	MA	Steve		5 (from a hotel)
0207	W8RU	559	MI	Ron		5
0207	N1EU	559	NY	Barry		5
0208	K5E0A	559	LA	Wayne	5	
0209	K5JHP	559	TX	Bill		5
0210	N0DSP	559	CO	Tom	5	
0213	N1TP	559	FL	Tom		5
0214	NQ7X	559	AZ	Floyd		5
0214	K4FB	559	FL	Paul		5
0217	K3NG	559	PA	Goody	5	
0217	KD5KXF	559	TX	Mike		5
0218	W7HR	559	WA	Randy	10	
0219	W5USJ	559	TX	Chuck		5
0219	K4TJD	559	GA	Tom		5
0220	K5YU	559	TX	Harvey		5
0221	AB0CD	559	CO	Dave		5
0222	K5DW	559	TX	Don		5
0222	NK6A	559	CA	Don		5
0223	WA8NTA	559	CO	Dick		5
0225	W5YR	559	TX	George		5
0226	K8CV	559	MI	Walt		5
0227	N8VAR	559	OH	Ron		4
0228	K4MF	559	FL	Gary		5
0230	K4BYF	559	FL	Jack		4
0231	KB9YIG	559	IN	Tony		5
0232	N5JI	559	TX	Rich		5
0233	KI0II	559	CO	Ron		1
0233	AF4LQ	559	KY	Mike		5
0234	AC5JH	559	OK	Tom		5
0236	N7XY	559	WA	Bob		5
0236	AA7XA	559	OR	Frank		5

0237	W9UQB/7	559	AZ	Mike	5	
0238	KB7WW	559	OR	Art	5	
0239	K0FRP	559	CO	Al		5
0240	VE1MT	559	NS	Layton	5	
0241	W5TB	559	TX	Doc		5
0242	N4ROA	559	VA	Dan	5	
0242	KC1FB	559	CT	Jim		3
0244	N1Q0	559	VT	John		5
0245	N5JW	559	TX	Dave		5
0245	KI0RB	559	CO	Vince		5
0248	WR50	559	TX	Dave	5	
0251	W4NJ	559	FL	Cliff		5
0254	N2WW	559	CO	Larry	5	
)255	N6WG	559	CA	Bob		5
0255	N10DL	559	NH	Aron	5	
0256	N1FN	559	C	ET		5
0257	KE6RS	559	CA	Ron	5	
0259	AD4J	559	GA	Jim		5
0301	N5IB	559	LA	Jim		5 (FOX QSO)
0303	W2APF	559	MA	Thaire	5	
0307	NV4V	559	KY	Pete		5
0308	W0CH	559	MO	Dave	5	
0308	VE6EX	559	AB	Dan		5
0310	KF6GAB/M	559	NM	Bill	100	(sic)
0312	WA7SPY	559	CA	Glenn	5	
0313	KK7GG	559	OR	Mike		5
0314	AA4LR	559	GA	Bill		5
0320	AD6JV	559	CA	Bill		5
0320	AD6JY	559	CA	Dan		5
0324	AC6UV	559	CA	Gody	5	
0328	AB2KT	559	NJ	Frank		5
0328	K5BGB	559	TX	Rod		5
0329	N5GJQ	559	LA	Mike		5
0330	WA9TZE	559	WI	Jim		5
0333	AL7FS	559	AK	Jim		5
0234	AA7EQ	559	AZ	Bob		5
0235	N9AW	559	WI	Jerry		5
0239	N5YFC	559	LA	Wayne	5	
0243	NK9G	559	WI	Rick		5
0244	NQ7T	559	WA	Gary	5	
0345	AC7CF	559	UT	Andy	5	
0347	KC5T	559	TX	Bob		5
0348	NN5E	559	TX	Jerry		5

0350	WA6LTV	559	CA	Chuck	5	
0353	KG4FGC	559	NC	Ken	5	
0356	N4SO	559		AL	Ken	5
0359	KJ0C	559		MO	Jim	5
0000	K0EVZ	550	ND	Doc	5	

Total =3D 86 pelts =

73,
--Doc/K0EVZ

Date: Mon, 13 Aug 2001 08:51:46 -0400
 From: Bruce Muscolino <w6toy@erols.com>
 To: kd1jv@moose.ncia.net
 Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
 Subject: [104736] Re: Collect QRP-L #'s and win valuable prizes!
 Message-ID: <3B77CD62.81A67426@erols.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Steve,

Right, lets just pick another frequency and clutter up the bands further! What, may I ask, is wrong with using the current calling frequencies?

73

Date: Mon, 13 Aug 2001 07:07:55 -0600
 From: "Rod Cerkoney, N0RC" <rod@n0rc.com>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [104737] QRP-L Code hour--Improve your speed and usage in 30 days.
 Message-ID: <007201c123f8\$f7d81680\$6401a8c0@c919125b>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

OK we're going to do it! See SKED below.

Some have suggested 5 days a week, for an hour or more is too stressful. This may be true if we were learning from scratch. But I've come to realize this is an IMPROVEMENT exercise, doing something we know how to do should not be all that stressful. Think about professional musicians who practice for SEVERAL hours per day; think about attending training classes in your career/profession that often lasts for 8 hours per day.....and so it goes.

You don't have to listen to W1AW for the whole hour, just the segments in the speed range your interested in. Your post W1AW QSO doesn't have to last 1 hour either. Nor do you have to participate 5 days per week. Between now and the end of Sep play around a little and see what's comfortable for you.

ELMERS: To be sure enough people are available throughout the week let's try and get on the air 3 days per week, per callsign district:

Call district	OP nights
0, 2, 4, 6, 8	SUN, TUES, THURS
1, 3, 5, 7, 9	MON, WED, FRI
ALL	SAT & SUN

This SKED should keep us spread out in time, and allow individual scheduling flexibility.

OKAY, that's! Let's give a try for on full session (2001 24-Sep - 02-Nov). Afterwards we'll bat it around and make changes accordingly.

I'll post reminders as the start date approaches.

73, Rod NØRC
Ft Collins, CO

QRP-L CODE HOUR
Rev 1.0 -- 13-Aug-2001

WHAT/HOW:

One hour of code practice/mentoring/elmering.

Those wanting to improve there code speed:

- o LISTEN TO THE W1AW CODE SESSION 3-5 DAYS/WEEK MIN
- o Afterward, call CQ CP... and have a QSO or two

- o Work at a speed 5-10% higher than you are comfortable with

Those willing to mentor/elmer

- o Listen for CQ CP...
- o Have a QSO or two with someone
- o be willing work at a speed much slower than you are proficient at, and tolerant of mistakes
- o with 2000-3000 QRP-Lers I think Elmers would only need to get on about 3 nights per week.

Piggyback opportunities: WAS, 5BWAS, DXCC...???

WHEN

Session One: Start last full week of SEP continue for six weeks

2001 24-Sep - 02-Nov
2002 23-Sep - 01-Nov
2003 22-Sep - 31-Oct

Session Two: Start 1st full week of Jan continue for 6wks

2002 07-Jan - 15-Feb
2003 06-Jan - 14-Feb
2004 05-Jan - 13-Feb

Time(s): After W1AW Code Practice Session 0000z and/or 0300z

WHERE:

7040 +/- 5kHz (Watch out for Fox Hunts, or join in!)
10116 +/- 5kHz (WOW CAN YOU THINK OF A BETTER BAND THAN 30)
14060 +/- 5kHz (DXers wanted and WELCOME)

WHY:

To improve CODE SPEED PROFICIENCY, CODE TECHNIQUE, and be "RADIO ACTIVE"!

WHO:

Anybody who wants to be a better Morse Code Operator

MORSE CODE RESOURCES

MORSE CODE:

<http://www.arrl.org/FandES/ead/learnmw/>

W1AW Sked: <http://www.arrl.org/w1aw.html>

Pac Mtn Cen Est	Mon	Tue	Wed	Thu	Fri
4pm 5pm 6pm 7pm	Slow	Fast	Slow	Fast	Slow
7pm 8pm 9pm 10pm	Fast	Slow	Fast	Slow	Fast

Frequencies are 1.818, 3.5815, 7.0475,
14.0475, 18.0975, 21.0675,
28.0675, 147.555 MHz.

^^^^^^

Interesting possibilities
for New Englanders

Slow Code = practice sent at 5, 7-1/2, 10,
13 and 15 words per minute (wpm).

Fast Code = practice sent at 35, 30, 25, 20,
15, 13 and 10 wpm.

(the above reproduced and abbreviated from the ARRL web site)

PROTOCOL AND USAGE

Just as important as the Code itself is its usage. Here is a link
to one of the best usage pages I know of:

http://www.qsl.net/k3www/cw_ss_proc.html

And on the same sight are pages filled with other wonderful
usage/protocol info:

http://www.qsl.net/k3www/cw_ss.html

http://www.qsl.net/k3www/cw_ss_list_abbr.html

http://www.qsl.net/k3www/cw_ss_list_proc.html

http://www.qsl.net/k3www/cw_ss_list_q.html

73, Rod NØRC
Ft Collins, CO

Date: Mon, 13 Aug 2001 09:10:35 -0400 (EDT)
From: <baltimoremd@baltimoremd.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104738] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <Pine.BSI.4.05L.10108130906210.3259-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 13 Aug 2001, Bruce Muscolino wrote:

> Right, lets just pick another frequency and clutter up the bands
> further! What, may I ask, is wrong with using the current calling
> frequencies?

Bruce

- A. It's not like there aren't plenty of fallow frequencies
- B. In the classical sense of a calling frequency, why would
you promote cluttering it with a "collection" process?
Or did you forget to mention that collectors should qsy ?

Thom
baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon

<http://www.zerobeat.net>

Home of The QRP Web Ring
and Drake Mail List Pages

Date: Mon, 13 Aug 2001 09:04:08 -0400
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <ac5ez@webtv.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [104739] RE: Receiver
Message-ID: <000001c123fb\$cf4d5600\$6401a8c0@alex>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My suggestion is one of the Sony 7600-Series pocket receivers. Ya can't beat 'em---especially when you consider their price vs. performance ratio.

I have one that has survived the "wars" over the past 13 years, and NX1F just bought a newer one and is amazed at its performance. For a receiver that's the size of a paper back book, I find it amazing that I can copy CW and SSB DX at my bedside on 80-M with it, using nothing more than a 3-ft. whip.

Its' nice to have my favorite FM BC stations programmed-in as well.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Larry
Sent: Sunday, August 12, 2001 3:11 PM
To: Low Power Amateur Radio Discussion
Subject: Receiver

A friend of mine needs a receiver he can put next to his easy chair so he can copy cw on the ham bands with his ear phones or speaker. What would be a good one to buy?
Receive only , runs off 115ac wall outlet , covers at least the cw ham bands , looks nice so the xyl will not complain etc. Anyone know of a good one ?
Thanks

K1zw

Larry
Qcwa

Date: Mon, 13 Aug 2001 07:59:20 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [104740] Re: OT: Charge for RS Catalog
Message-ID: <20010813.075921.-201125.2.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

They did that a couple of years ago and don't think it was too popular. A lot of people did what I did - use the previous year's catalog which for the most part, does not change numbers, etc on the small parts. So, I guess I will keep my 2001 catalog around this year for those seldom made trips to the Shack. Availability and price comparisons can be made using their counter copy.

73
Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Mon, 13 Aug 2001 08:04:53 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [104741] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <20010813.080454.-201125.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

There used to be a time when ARCI members used to get on the various qrp calling freqs and pass their QRP-ARCI numbers which were used for awards, etc. Nothing wrong with using the current qrp calling freqs - and it helps keep the digi squatters at bay.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Mon, 13 Aug 2001 09:13:40 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: baltimoremd@baltimoremd.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104742] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <3B77E094.B120D6FE@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

baltimoremd@baltimoremd.com wrote:

>
> On Mon, 13 Aug 2001, Bruce Muscolino wrote:
>
> > Right, lets just pick another frequency and clutter up the bands
> > further! What, may I ask, is wrong with using the current calling
> > frequencies?
>
> Bruce
>
> A. It's not like there aren't plenty of fallow frequencies
> B. In the classical sense of a calling frequency, why would
> you promote cluttering it with a "collection" process?
> Or did you forget to mention that collectors should qsy ?

Why not just find an open frequency (other than QRP or FISTS calling frequencies) and call CQ QRPL or whatever until you get a response. If you set a specific frequency for a specific activity, you can almost be assured that someone who isnt supposed to be using that frequency will be using it. Keep it open and you can always find a spot.

73 de Dave, N0IT

Date: Mon, 13 Aug 2001 08:29:35 -0600
From: "Richard J. Housden" <wa8nta@arrl.net>

To: qrp-1@Lehigh.EDU
Subject: [104743] Re: LEARN CW IN 30 DAYS--NOT SPAM ;-)
Message-ID: <3B77E44F.D4AC8B70@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Rod, I think you have done a grand job putting this together and I sincerely hope many will take advantage of the opportunity. I will be there, as time permits, to look for those CQ CP calls. The first part, end of September, I will be gone fishing but I may take the K1 along to play with in the evenings. Might even get on 40 meters for a change.

Please, everyone interested in increasing code speed, take advantage of this program that Rod has put together. This could grow and grow and also further the interest in QRP at the same time. Spread the word, on the air, through email, in person, etc. See you on 14060 in the near future.

Dick WA8NTA
Greeley, CO

Date: Mon, 13 Aug 2001 08:11:58 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "List Qrp-1" <qrp-1@lehigh.edu>
Subject: [104744] Fw: PSK-31 Expedition to the Boundary Waters
Message-ID: <000001c12409\$563e17a0\$6fd43604@NetZeroUser>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I did that ! The ground squirrels or meese (plural for mouse?) got in there and tore up the candy bars and freeze dried food. Thank god the fishing was good, or I would have STARVED !!

Walt K8CV Royal Oak, MI

----- Original Message -----
From: "Don KC0GMF" <donkc0gmf@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, August 12, 2001 10:14 PM
Subject: Fw: PSK-31 Expedition to the Boundary Waters

>

>
>
>
> >Every year I go to the Boundary Waters of northern Minnesota to
> >canoe and fish. When I can, I take a small cw
> rig...(snipola)...Technical suggestions >are welcome!
> >73,
> >Don Snider
> >N3MK
>
> The best technical suggestion I can give is to hang your food packs up
> high and between two trees. Keep the packs at least 6 feet away from
> each tree so that the bears can't reach them. Also, visually confirm the
> existence of the toilet tissue stash!
>
> Don KCOGMF
> "CW, the Boot Camp of Amateur Radio"
> DonKCOGMF@juno.com
>

NetZero Platinum
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Date: Mon, 13 Aug 2001 08:26:31 -0700 (PDT)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [104745] W1PID / VY2 trip off
Message-ID: <20010813152631.10694.qmail@web11603.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Broken CV join in VW Camper. Trip cancelled.
best Jim w1pid@arrl.net

Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Mon, 13 Aug 2001 11:28:31 EDT
From: AC5JH@aol.com
To: qrp-l@lehigh.edu

Subject: [104746] Re: Collect QRP-L #'s and win valuable prizes!

Message-ID: <54.18f600b2.28a94c1f@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Howdy,

This idea sounds like a good opportunity to get QRP-Lers on the air. There are a lot who don't care for the Fox Hunts who may enjoy a different activity such as # collecting.

When I got relicenced about 6 years ago, I discovered Fists and really enjoyed meeting Fists on the air and the challenge of the Century Award Program. For me, it took a lot of the pressure out of those early QSO's. My skills were not up to contesting, nor my interest, and the activity gave me operating challenges.

Hams at all levels may enjoy it but I think it is especially good for beginners. I know that a lot of kit rigs don't tune into the Novice band but we do have QRP freqs up there. Even though there is a lot of racket in the novice band, we need to use those freqs rather than lose them. The original Novice QRP freq is 7.010 and we have adopted the area around 7.140 for the Cub hunts.

Concerning the original post on this subject, 7.048 is real close to W1AW, maybe a little too close. Some years ago, before I knew their freqs, I was QRMing the W1AW code practice one night by mistake. It was a high speed night and I was just thinking how relentless that QRM was, that guy just never let up. All of a sudden, my head phones literally started jumping on my head. AC5JH QRM W1AW CODE PRACTICE.

I was terribly embarrassed but from that night on, I never forgot the W1AW freqs. I sent them a QSL card with an apology and believe it or not, got one back. It was a SWL card rather than an actual QSL but had a note, "Accidents Happen" 73.

One more thought and I will get outa here. Some people feel that a brief QSO of this type is a bad thing. These QSO's don't have to be brief and can turn into really enjoyable rag chews. They can also be brief QSO's with the exchange of a Howdy and a number. Nothing too wrong with it either way. Sometimes I want to rag chew and some evenings, I just want to see what states I can work or look for a new one.

Years ago, I got a QSL card from K9FRHJ. It had this poem on it and has effected the way I look at QSO's ever since.

"Ships that pass each other in the night, and speak each other in passing,
Only a signal shown, and a distant voice in the darkness;
So on the ocean of life, we pass and speak one another.
Only a look and a voice, then darkness again and a silence."

Take a few min's away from the computer to "speek each other in passing" heck exchange a QRP-1 number while you are at it.

72
Tom AC5JH
Cajun Thunder,
Bon Ton Roulette

Date: Mon, 13 Aug 2001 11:46:00 -0400
From: "Kwik, Ed " <ed.kwik@delphiauto.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [104747] Michigan QRP Net Tuesday 9:00 PM Eastern Time (0100 Z) on 3.535
M

Hz
Message-ID:
<9F176F70FD71AC48AFC36F879D2B84E38F35C0@tryexch01.NorthAmerica.DelphiAuto.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

We had four check ins last week. The worst of the QRN season may be over.
The levels seem to be going down.

080801 3.535 CW TT5W 0100 W8EGI 559 579 EAST LANSING MI DON MI QRP
NET
AA9KH 559 599 HOMEWOOD IL JAY MI QRP
NET
K8NWD 599 599 WATERFORD MI TIM MI QRP
NET
K1CL 229 359 0130 CHELMSFORD MA CHUCK MI QRP
NET

All Hams are welcome to join. QRP is not required and any code speed will be accommodated. Need not worry about net check in procedures or getting stuck with messages to forward. It is a very informal net with no message traffic. Good for code practice. When you hear "QNI? K" just send your call one time. Net control will respond with "YOURCALL AS". If YOURCALL is your call, just standby. If is not send your call one time the next time you hear "QNI? K".

Ed Kwik AB8DF

Date: Mon, 13 Aug 2001 08:48:24 -0700 (PDT)

From: Daryl Cline <wb4yex@yahoo.com>
To: Rob Matherly <jimrob@jetnetinc.net>, Flying Pigs <fpqrp-1@mpna.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104748] Re: [fpqrp] Anti-ARRL Sentiment
Message-ID: <20010813154824.25984.qmail@web10503.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Prob. is all of us who dont belong did until they
deserted us in favor of the no-code. They didnt listen
to us when we were members. So this atricle has no
bearing on it.

--- Rob Matherly <jimrob@jetnetinc.net> wrote:
> In light of the recent anti-ARRL postings here,
> there, and everywhere, I
> figured I'd post a reply I posted at qrz.com in
> response to an anti-ARRL
> story posted by some guy from something called cw
> revolution.
>
> <<
> This is for all you non-ARRL member ARRL bashers out
> there. Do you actually
> expect an organization you refuse to join to make
> decisions based on your
> opinions? Of course not! If you don't like the way
> the ARRL does things,
> then either join and vote for who best represents
> your opinions or run
> yourself, form your own club and _try_ to get people
> to join, or just be
> quiet!
>
> All this ARRL bashing seems to come from this
> pathetic attitude that almost
> everyone has anymore of "I want what I want now or
> I'm taking my ball and
> going home". Do you actually expect an organization
> that represents
> thousands of people to do everything YOU want? I
> don't agree with everything
> they do, but consider the alternative. If there were
> no ARRL, who would
> lobby congress and the FCC on our behalf? NO ONE.
> Consider the recent
> election. Did I think that GWB was the best

> Republican candidate? No, but he
> was a hell of a lot better than the other guy so I
> voted for him anyway!
>
> Like it or lump it, the ARRL is the only game in
> town, and if it weren't for
> them, there probably wouldn't even be ham radio. As
> for me, I will continue
> to support them until they lobby for no licensing
> what so ever which I
> seriously doubt will ever happen.
> >>
>
> There, the deed is done. Get out the hamburgers and
> hot dogs, I'm ready for
> a barbecue. Be advised - those who send me really
> nasty personal messages
> insulting me and the horse I rode in on will have to
> bring the chips and one
> covered dish, preferably one you didn't spit in.
>
> 72/73/oo
> Rob, kc0bom
>
> p.s. - Don't flame me on the GWB thing. I didn't
> post about that, and I
> won't pay attention to messages about that.
>
> =====
> FPQrp #330; Qrp-L #2346; Live-Wire #442; ICQ
> #114690148
> =====
> I hate Jeff Gordon and the New York Yankees and I'm
> proud of it!
> =====
> Visit my ham radio / Mystery Science Theater 3000
> website!
> <http://www.geocities.com/kc0bom>
> Go see it today!
> =====
> Are you a ham near the Lake Rathbun Iowa area? Join
> the club!
> <http://clubs.yahoo.com/clubs/rathbunareahams>
> =====
> Use Drake ham radio equipment? Check out my group!
> <http://groups.yahoo.com/group/drake-radio-operators>
> =====
>

> -To unsubscribe, mail to majordomo@fpqrp.com, msg:
> unsubscribe fpqrp-l -

=====

Daryl Cline WB4YEX FPQRP #322 ARS #632 SOC #449

<http://www.cfw.com/~jdc>

" Ask your doctor if Kendrex is right for you - Side effects include constipation, internal bleeding, deafness, blindness, sexual dysfunction and heart failure. Kendrex is not for everyone. Persons with functioning internal organs and live brain cells should not take Kendrex. "

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.

<http://im.yahoo.com/>

Date: Mon, 13 Aug 2001 10:51:23 -0500

From: "George, W5YR" <w5yr@att.net>

To: k5di@zianet.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [104749] Re: EZNEC

Message-ID: <3B77F77B.7050204@att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Karl, I suggest that you contact Roy Lewallen, W7EL, for information on EZNEC and a free downloadable demo. This program implements NEC2 and is considered to be the "standard" for amateur antenna system analysis. I limit it to "amateur" since the price for programs intended for the professional market is many times that of EZNEC. However, EZNEC is widely used in professional circles as well.

Roy has ads each month in QST and can be reached at

<http://www.eznec.com>

EZNEC does far more than calculate antenna system parameters, as you will see from the demo program. And as you probably know, Roy is regarded as one of the leading antenna system experts in the amateur and professional communities.

One note of caution: most of the other programs in this area and those preceding EZNEC use the older MININEC program as a basis. While MININEC works well under certain circumstances, it has serious problems in others,

expecially with antenna elements operated near the ground. So, when comparing EZNEC results with other analysis program, keep that in mind.

You might also want to review the articles by LB Cebik on antenna modelling which have appeared in QST. The first was in the November 2000 issue on page 34. LB uses both EZNEC and the NEC-Win Plus modelling program in his examples. Both use the NEC2 core engine.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Karl F. Larsen wrote:

> I have never used this software but do hear it's quite good for
> simple antenna. It is for sure a system that uses numerical analysis to
> calculate antenna parameters and it can be quite accurate. I would like to
> know how it calculates antenna radiation efficiency. The source code would
> show that.

>

> WB5LHV Charlie has a copy of some antenna calculation software on
> his computer. I will see if it gets the same numbers that EZNEC does.

>

>

--

Date: Mon, 13 Aug 2001 10:55:22 -0500 (EST)
From: <igeq100@iupui.edu>
To: Walt Amos <k8cv@netzero.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104750] Re: Fw: PSK-31 Expedition to the Boundary Waters
Message-ID: <Pine.GS0.3.96.1010813105222.2700H-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Walt -

As one who has had to live with a last name pronounced "meese", I

have been told about a zillion times that "I hate those meeces to pieces."
The sad thing is that meese is the plural of MOOSE, surely a noble beast -
but hardly a QRP animal!

72/73

Rich Meiss, WB9LPU

Date: Mon, 13 Aug 2001 10:03:17 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [104751] EZNEC engine
Message-ID: <Pine.LNX.4.33.0108130942110.1270-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Talked to Gus Miller W5YGR and learned where NEC comes from. It is
a numeric loaded program written for the Navy by Livermore Laboratory
several years ago. It was written in Fortran 64 or like that and run on an
old mainframe computer. The basic engine is US Government owned so it's
free and you can download it from Livermore.

Gus has written a very basic windows 9x front end for the old
program and it runs good on his win98. I will load it on my win98 and if
it runs well will make the URL for the software available to the list.
Just got it downloaded and now must reboot into windows 98 to run this
software.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 13 Aug 2001 12:14:38 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104752] RE: EZNEC engine
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3688@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Yes, the NEC-2 program is available and free. It is just about one of the least user-friendly programs I know of, though, which is why EZNEC and others are written as shells to be able to easily run NEC-2. IMHO, they are well worth the money.

NEC-2 is available from:

<http://www-mo.enst-bretagne.fr/documentation/nec2/>

EZNEC is available from:

<http://www.eznec.com>

73,
Ed Hare, W1RFI

> -----Original Message-----

> From: Karl F. Larsen [mailto:k5di@zianet.com]

> Sent: Monday, August 13, 2001 12:03 PM

> To: Low Power Amateur Radio Discussion

> Subject: EZNEC engine

>

>

>

> Talked to Gus Miller W5YGR and learned where NEC comes

> from. It is

> a numeric loaded program written for the Navy by Livermore Laboratory

> several years ago. It was written in Fortran 64 or like that

> and run on an

> old mainframe computer. The basic engine is US Government

> owned so it's

> free and you can download it from Livermore.

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> it runs well will make the URL for the software available to the list.

> Just got it downloaded and now must reboot into windows 98 to run this

> software.

>

> --

> Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

>

Date: Mon, 13 Aug 2001 12:24:45 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104753] RE: [fpqrp] Anti-ARRL Sentiment
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3689@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Prob. is all of us who dont belong did until they
> deserted us in favor of the no-code.

To my knowledge, the only time ARRL has come in favor of no-code was when the FCC initiated the drive for a no-code VHF Technician license. At the time, the League asked the FCC to institute a no-code license with priveleges of 222 MHz and above. The Commission decided to change the existing Technician license to no longer require a Morse code test.

In the present round of restructuring, the League asked the Commission to retain 4 classes of Amateur license, with a Morse code speed of 12 WPM at the upper end. The Commission chose do otherwise.

Even with that, I know a number of ARRL members who would like to see the Morse code test eliminated altogether. I know a number of members who did not want to see any change to the existing rules. IMHO, the ARRL Board of Directors put together a compromise position. They did not do exactly what I had suggested, nor did the FCC. And, ultimately, it was the FCC that chose the present structuring of Amateur Radio.

But, IMHO, the question of Morse code testing, in either direction, does not even make the top 10 list of problems facing Amateur Radio today. And you don't even want to know my personal views about what I think the long-term solution to Morse-code testing should be. :-)

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: Daryl Cline [mailto:wb4yex@yahoo.com]
> Sent: Monday, August 13, 2001 11:48 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: [fpqrp] Anti-ARRL Sentiment
>
>
> Prob. is all of us who dont belong did until they

> deserted us in favor of the no-code. They didnt listen
> to us when we were members. So this atricle has no
> bearing on it.
>
>
> --- Rob Matherly <jimrob@jetnetinc.net> wrote:
> > In light of the recent anti-ARRL postings here,
> > there, and everywhere, I
> > figured I'd post a reply I posted at qrz.com in
> > response to an anti-ARRL
> > story posted by some guy from something called cw
> > revolution.
> >
> > <<
> > This is for all you non-ARRL member ARRL bashers out
> > there. Do you actually
> > expect an organization you refuse to join to make
> > decisions based on your
> > opinions? Of course not! If you don't like the way
> > the ARRL does things,
> > then either join and vote for who best represents
> > your opinions or run
> > yourself, form your own club and _try_ to get people
> > to join, or just be
> > quiet!
> >
> > All this ARRL bashing seems to come from this
> > pathetic attitude that almost
> > everyone has anymore of "I want what I want now or
> > I'm taking my ball and
> > going home". Do you actually expect an organization
> > that represents
> > thousands of people to do everything YOU want? I
> > don't agree with everything
> > they do, but consider the alternative. If there were
> > no ARRL, who would
> > lobby congress and the FCC on our behalf? NO ONE.
> > Consider the recent
> > election. Did I think that GWB was the best
> > Republican candidate? No, but he
> > was a hell of a lot better than the other guy so I
> > voted for him anyway!
> >
> > Like it or lump it, the ARRL is the only game in
> > town, and if it weren't for
> > them, there probably wouldn't even be ham radio. As
> > for me, I will continue
> > to support them until they lobby for no licensing

> > what so ever which I
 > > seriously doubt will ever happen.
 > > >>
 > >
 > > There, the deed is done. Get out the hamburgers and
 > > hot dogs, I'm ready for
 > > a barbecue. Be advised - those who send me really
 > > nasty personal messages
 > > insulting me and the horse I rode in on will have to
 > > bring the chips and one
 > > covered dish, preferably one you didn't spit in.
 > >
 > > 72/73/oo
 > > Rob, kc0bom
 > >
 > > p.s. - Don't flame me on the GWB thing. I didn't
 > > post about that, and I
 > > won't pay attention to messages about that.
 > >
 > > =====
 > > FPQrp #330; Qrp-L #2346; Live-Wire #442; ICQ
 > > #114690148
 > > =====
 > > I hate Jeff Gordon and the New York Yankees and I'm
 > > proud of it!
 > > =====
 > > Visit my ham radio / Mystery Science Theater 3000
 > > website!
 > > <http://www.geocities.com/kc0bom>
 > > Go see it today!
 > > =====
 > > Are you a ham near the Lake Rathbun Iowa area? Join
 > > the club!
 > > <http://clubs.yahoo.com/clubs/rathbunareahams>
 > > =====
 > > Use Drake ham radio equipment? Check out my group!
 > > <http://groups.yahoo.com/group/drake-radio-operators>
 > > =====
 > >
 > > -To unsubscribe, mail to majordomo@fpqrp.com, msg:
 > > unsubscribe fpqrp-l -
 >
 >
 > =====
 > Daryl Cline WB4YEX FPQRP #322 ARS #632 SOC #449
 > <http://www.cfw.com/~jdc>
 > " Ask your doctor if Kendrex is right for you - Side effects
 > include constipation, internal bleeding, deafness, blindness,

> sexual dysfunction and heart failure. Kendrex is not for
> everyone. Persons with functioning internal organs and live
> brain cells should not take Kendrex. "
>
> -----
> Do You Yahoo!?
> Send instant messages & get email alerts with Yahoo! Messenger.
> <http://im.yahoo.com/>
>

Date: Mon, 13 Aug 2001 09:32:55 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "QRP-l Forum (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [104754] QRP Forum at the ARRL SW Division Convention
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B772A6@hq-expo2.filenet.com>

Guys:

In Southern California on the 7-9th of September, then be sure to make plans to attend the ARRL SW Division. We have a great QRP Forum lineup of speakers and an excellent program:

"QRP - putting the fun back in Ham Radio"
Doug Hendricks, KI6DS

"Building Simple Baluns that Work"
Jim "Dr. Megacycle" Duffey, KK6MC/5

"Manhattan construction and the MH 101 project"
Chuck Adams, K7QO

"QRP kit design"
Wayne Burdick, N6KR and Eric Swartz, WA6HHQ

"Reverse RFI - Interference to Amateur Radio Equipment"
Ed Hare, W1RFI

"Fun on the Waterfall - Operating PSK-31"
Barry Geipel, AD6HR

"Hamming in Hotel Rooms"
Vern Wright, W6MMA

In addition, Ed Hare, W1RFI, will be bringing the venerable and legendary Tuna Tin Two from it's vault in the inner recesses of the technical area of the ARRL. In what could possibly become a ritual almost as sacred as the

Wouff Houg, you can have an opportunity to operate this little rig, signing W1FB/6!

We're still in pre-registration which means you get in for \$12.50 versus \$15.00 at the door and, yes, we still do have pins for those who register. For further information, check out the web site and/or e-mail me.

<<http://www.qsl.net/arrrl-2001swdc>>.

Also, Jerry Parker, has been fighting the fires in central California, but he's setting up to do the badges just like Pacificon and Tuthill, so if you e-mail him at jparker@fix.net, he'll make one up for you and have it at the forum when you arrive.

Hope to see you there!

William Phinizy, K6WHP

Date: Mon, 13 Aug 2001 12:32:45 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: baltimoremd@baltimoremd.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [104755] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <3B78012D.AB9610B8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thom,

For your benefit, as you apparently have never been on the calling frequencies used by QRPers, the concept of using them to establish contact and then moving off long ago was discarded. A lot of QRPers have crystal controlled transmitters - they can't move easily! They don't know where their next contact would come from if they moved, if it did indeed come! Look at the way the calling frequencies are used - fox hunts, activity parties, code practice. All are found on the calling frequencies + and - one or two kilohertz. I seriously doubt that the addition of one more activity would over load them!

73

Date: Mon, 13 Aug 2001 11:37:48 -0500

From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'jamesd1@flash.net'" <jamesd1@flash.net>, Low Power Amateur Radio Discussion
<qrp-1@lehigh.edu>
Subject: [104756] RE: Resonant vs. Nonresonant Antenna
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49DC4@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

This was intended for Karl Larson, but Senor Duffey didn't
clarity that....

Karl ("the REAL Karl") K - W8TIF
McKinney, Texas

-----Original Message-----

From: James R. Duffey [SMTP:jamesd1@flash.net]
Sent: Saturday, August 11, 2001 7:12 PM
To: Low Power Amateur Radio Discussion
Subject: Resonant vs. Nonresonant Antenna

Karl - I don't understand your comments about resonant antennas being better
than nonresonant antennas. It seems to fly in the face of my understanding
of antennas and resonance, as well as my own experience.

As I understand it, resonance in an antenna occurs when the reactance goes
to zero, leaving a pure resistance. This occurs when the antenna is a half
wave or odd multiples of a half wave long. Reduced a bit, of course, by the
capacitive end loading. Thus the half wave dipole is resonant, as is an
antenna which is one and a half wavelengths long. The G5RV is designed to be
one and a half wavelengths long on 20 M, thus it is resonant.

Your comment that a dipole "will be at least 1 s-unit stronger off the
sides" than a non resonant antenna doesn't make sense to me. I currently use
a 44 ft center fed antenna from 10 M to 40 M. This is resonant on only one
frequency in the range I use it; about 10.116 MHz. However it has about 3 dB
gain over a dipole on 10 M. The advantage over a "resonant antenna"
decreases until at 10 MHz it is equal to a resonant antenna (dipole). At 40
M it is about a dB down from a resonant antenna. At no point in my operating
range will a "dipole will be at least 1 s-unit stronger off the sides" (as
you said in your post) than my non resonant antenna. At all frequencies the
maximum radiation lobe is perpendicular to the antenna.

I do not believe that an antenna that is resonant is superior to an antenna
that is not resonant. In fact, I believe that a nonresonant antenna can
outperform a resonant antenna under many conditions. Please let me know
what if I am missing anything here. - Duffey

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Mon, 13 Aug 2001 09:59:36 -0700
From: "Chris Trask" <ctrask@qwest.net>
To: k5di@zianet.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104757] Re: EZNEC engine
Message-ID: <3B780778.EBDBD124@qwest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been around the NEC programmes from the very early days when the programme was known as AMP (Antenna Modelling Programme) and came from the Rome Air Development Centre. It took four boxes of cards and ran on an IBM 360/370 mainframe and could take up as many as six tape drives for storing the intermediate solutions while grinding out the three dimensional complex matrix. When NEC came around a year later, it took up seven card boxes.

EZNEC is a lot easier to use than that monster, although there are a few functions that are not available. Still the most useful antenna modelling programme money can buy, even if some of the others are more versatile.

Chris

"Karl F. Larsen" wrote:

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> Talked to Gus Miller W5YGR and learned where NEC comes from. It is
> a numeric loaded program written for the Navy by Livermore Laboratory
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> Just got it downloaded and now must reboot into windows 98 to run this
> software.
>

being a one-half wavelength wire, for example, it becomes resonant in the zero reactance sense when the tuner at the input end of the line is adjusted to present a 50-ohm resistive load to the transmitter.

Thus, the argument over resonant and non-resonant antennas becomes somewhat moot. A "resonant" antenna can be fed with a coax line and things adjusted at the antenna end to present a desired low SWR for the line, etc. A "non-resonant" antenna will necessarily be fed with a low-loss line operating at some SWR but with a tuner at the input end transforming the line input impedance to the desired transmitter load resistance. Given the ideal case of a lossless line and tuner, no difference exists between the two situations.

In the process of achieving that transformation, a conjugate match is achieved both at the line input and the line output where the antenna is connected. The conjugate match at the output end presents the impedance required to reduce the antenna driving point impedance to a purely resistive load.

A key point in all this is that barring losses in the tuner and in the line, which can be made acceptably low and in many cases no higher than the "normal" loss in coax in a 1:1 environment, any antenna whether resonant or not within itself is ultimately operated as a resonant structure. Since all the power delivered by the transmitter must be either dissipated as heat in the tuner and line and antenna structure or radiated, it would seem to make little difference whether one designs an intentional "resonant" antenna or achieves the same effect and performance with the aid of a tuned line and an intrinsically non-resonant structure. Both approaches must radiate all delivered power that is not dissipated in resistive loss.

This way of looking at line/antenna operation appears to be confirmed by the EZNEC modelling results recently posted here.

"Reflections" and its later version are, in my mind, required reading for anyone interested in antenna system theory and design.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

>
> -----Original Message-----
> From: James R. Duffey [SMTP:jamesd1@flash.net]
> Sent: Saturday, August 11, 2001 7:12 PM
> To: Low Power Amateur Radio Discussion
> Subject: Resonant vs. Nonresonant Antenna
>

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> wave or odd multiples of a half wave long. Reduced a bit, of course, by the
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> that is not resonant. In fact, I believe that a nonresonant antenna can
> outperform a resonant antenna under many conditions. Please let me know
> what if I am missing anything here. - Duffey
>

Date: Mon, 13 Aug 2001 13:22:45 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: k5di@zianet.com, qrp-1@Lehigh.EDU
Subject: [104759] MMANA vs EZNEC
Message-ID: <20010813.132344.-193165.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Never use EZNEC but know several who have and
understand it is like hitting your thumb with a hammer . . .
It feels soooo good when you STOP.

May I suggest a user friendly program, yep it is free too!

AND it will will provide a matching network for YOUR design,
just click OPTIONS then click OPTIONS and SETUP . . . W O W ! ! !

MMANA thanks to MM (JE3HHT) at . . .

>>><http://www.geocities.com/mmhamsoft/><<<

There is other O U T S T A N D I N G free (for amateur radio) software
here too.

Not sure but MMANA >maybe< NEC based . . .

I DO KNOW (first hand) MMANA IS USER FRIENDLY and IT WORKS.

John

N3AAZ

FM 19 xa

On Mon, 13 Aug 2001 05:39:27 -0600 (MDT) "Karl F. Larsen"

<k5di@zianet.com> writes:

>

> I have never used this software but do hear it's quite good

>for

>simple antenna. It is for sure a system that uses numerical analysis

>to

>calculate antenna parameters and it can be quite accurate. I would

>like to

>know how it calculates antenna radiation efficiency. The source code

>would

>show that.

>

> WB5LHV Charlie has a copy of some antenna calculation software

>on

>his computer. I will see if it gets the same numbers that EZNEC does.

>

>--

>Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

>

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Mon, 13 Aug 2001 10:20:42 -0700 (PDT)
From: Mike and Maile Neiner <polohat@yahoo.com>
To: qrp-l@Lehigh.edu
Subject: [104760] How do you Know if your ground is good
Message-ID: <20010813172042.81480.qmail@web13908.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'm using a Norcal 40A into a G5RV dipole approx 30 ft up. I have an 8 foot rod driven into the ground, but do not believe it's copper (looks like steel).

When transmitting on 40 meter's, I notice that when I touch the rig, my sidetone increases in volume. Power out as eye-balled on my tuner doesn't seem to increase though. I've been wondering if I don't have RF in the shack and if so, what do I do.

Q. Would it help my G5RV to use a counterpoise of XX amount of length?

Putting the DIPOLE up any higher is not possible. Can I improve my ground which will improve my signal. Currently I get down to Southern Ca from Seattle Area and that's about it!

Any Help would be appreciated

Mike

Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Mon, 13 Aug 2001 13:41:47 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: w5yr@att.net, qrp-l@Lehigh.EDU
Subject: [104761] Antenna, resonant or otherwise
Message-ID: <20010813.134246.-193165.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Mon, 13 Aug 2001 12:12:42 -0500 "George, W5YR" <w5yr@att.net> writes:
>As Walt Maxwell points out in "Reflections" and "Reflections II . . .
> are, in my mind, required reading for
> anyone interested in antenna system theory and design.

!!! W O W !!! . . . You can say that again George . . .

and may I add ...

Go straight to APPENDIX 11
in REFLECTIONS II (thanks to John, KB8MU),
. . . then . . .
work through the math in CHAPTER 14, for figures 14-1, 2, 3
and then you will never ever again argue through a mute point . . .
. . . because, you can (will) sit back and KNOW.

73,
John
N3AAZ
FM 19 xa

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 13 Aug 2001 13:53:44 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "List Qrp-l" <qrp-l@lehigh.edu>
Subject: [104762] From the crumdgen
Message-ID: <000401c12421\$2cc34540\$52d43604@NetZeroUser>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please

No code practice or qrp-l numbers on the calling frequency :-((It seems
ARRL and FISTS cover both of these very well !

Foot well back in mouth

NetZero Platinum
Sign Up Today - Only \$9.95 per month!
<http://my.netzero.net/s/signup?r=platinum&refcd=PT97>

Date: Mon, 13 Aug 2001 11:57:33 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <w5xe@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104763] Re: OT: Charge for RS Catalog
Message-ID: <000501c12421\$6ec96e60\$49dd070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When RS tried to charge me for a catalog I told them to cancel the sale and I would be getting my stuff from 800 numbers in the future. Guess what I walked out with a free catalog in the bag. I guess they figured that the loss of a \$30.00 sale wasn't worth the price of the catalog. Try it it may still work
72 Cal KF7ET misplaced Vermonter in Idaho

----- Original Message -----
From: "William R Colbert" <w5xe@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 13, 2001 7:59 AM
Subject: Re: OT: Charge for RS Catalog

> They did that a couple of years ago and don't think it was
> too popular. A lot of people did what I did - use the previous
> year's catalog which for the most part, does not change
> numbers, etc on the small parts. So, I guess I will keep
> my 2001 catalog around this year for those seldom made
> trips to the Shack. Availability and price comparisons
> can be made using their counter copy.

>
> 73
> Ray
>
> "Politicians are like nappies. Both should be
> changed regularly -- and for the same reason"
> "Scotsman - Scotsman's Diary 12/97"
> Ray Colbert, W5XE, OOTC#3618, SOWP#1064M SOC#78
> fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS
>

Date: Mon, 13 Aug 2001 10:57:01 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104764] Need TT2 Pix
Message-ID: <NEBBJCAPOLCDGKDKJPGLCEEFCIAA.rmccarty@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody have some good close-up pix of a Tuna Tin 2 on their site? URL's please?

TIA

Roger KD6CC

Date: Mon, 13 Aug 2001 14:04:24 EDT
From: Jfelts202@aol.com
To: qrp-1@lehigh.edu
Subject: [104765] Wanted!
Message-ID: <49.f49fd34.28a970a8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Looking for the following items!

Conar 500 reciever
Conar 400 transmitter
Ameco AC-1 transmitter

Can anyone help? I want to rebuild a Novice station I once had. Also where is the best place online besides EBAY to look for these items?

Jerry - NR5A - in South Dakota

Date: Mon, 13 Aug 2001 11:21:50 -0700
From: Stephen M Smith <sigcom@juno.com>
To: rmccarty@earthlink.net

Cc: qrp-1@Lehigh.EDU
Subject: [104766] Re: Need TT2 Pix
Message-ID: <20010813.112151.-284405.3.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger,

This URL oughta give you TT-2 overload :-):

<http://clocksusa.com/tuna/tt2page1.html>

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA
"snort rosin"

On Mon, 13 Aug 2001 10:57:01 -0700 "Roger A. McCarty"
<rmccarty@earthlink.net> writes:
> Anybody have some good close-up pix of a Tuna Tin 2 on their site?
> URL's
> please?
>
> TIA
>
> Roger KD6CC
>
>

GET INTERNET ACCESS FROM JUNO!
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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 13 Aug 2001 14:24:45 -0400
From: "David Porter" <aa3ur@home.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104767] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <00a001c12425\$3b412700\$927ba8c0@jamison1.pa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It's a good idea. However, no one owns a frequency in the amateur band (not even those who claim they do). Why not just exchange numbers whenever you feel like it with anyone you think cares? Most of the time QRPers are clustered around the "calling frequencies" but it's not necessary.

David Porter
aa3ur@home.com
AA3UR

> Well, maybe you wouldn't win valuable prizes collecting QRP-L numbers,
> but it might be fun to set up something like the FISTS calling
> frequencies (048?) just to exchange qrp-l numbers and say a quick
> howdy. Unless someone wants to sponsor such a thing (unlikely, but
> possible, I guess), it would be an informal type of thing.

Date: Mon, 13 Aug 2001 14:37:53 -0400
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "NJQRP" <njqrp@njqrp.org>, "Qrp-L" <qrp-l@Lehigh.EDU>, "GQRP"
<GQRP@yahoogroups.com>, "NoVaQRP" <NoVaQRP@topica.com>
Subject: [104768] CSS Receiver -- anyone built it??
Message-ID: <GCECIJFJPOHMCKACOA0BEE0ICLAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone built the CSS Superhet Receiver shown in the April 2001 issue of QRP Quarterly? If so, does it work well, any tips for building it, did you use series crystals or the 20 pF kind, what does the "D" connection from U1 go to?

Thanks,

Jake -- N4UY

Date: Mon, 13 Aug 2001 13:39:09 -0500
From: "Rob Matherly" <kc0bom@yahoo.com>
To: <Jfelts202@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [104769] Re: Wanted!
Message-ID: <014f01c12427\$3eeb0a40\$8211a541@intern01>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi;

Don't know if you are the same guy who asked about this last week, so if you are, sorry about the redundancy! Anyhoo, I have the schematics for the Ameco AC-1 at my website if you wish to build one. It's <http://www.geocities.com/kc0bom/hamradio> just look for a link called "homebrew projects", and when you get there, click "Tube Projects" and you will see the Ameco AC-1 schematics, and schematics for an alternate power supply. Hope you find something!

72/73
Rob, kc0bom

>Looking for the following items!
>
> Conar 500 reciever
> Conar 400 transmitter
> Ameco AC-1 transmitter
>
> Can anyone help? I want to rebuild a Novice station I once had. Also where is
> the best place online besides EBAY to look for these items?
>
> Jerry - NR5A - in South Dakota

=====
FPQrp #330; Qrp-L #2346; Live-Wire #442; ICQ #114690148
=====

I hate Jeff Gordon and the New York Yankees and I'm proud of it!
=====

Visit my ham radio / Mystery Science Theater 3000 website!
<http://www.geocities.com/kc0bom>
Go see it today!

=====
Are you a ham near the Lake Rathbun Iowa area? Join the club!
<http://clubs.yahoo.com/clubs/rathbunareahams>
=====

Use Drake ham radio equipment? Check out my group!
<http://groups.yahoo.com/group/drake-radio-operators>
=====

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 13 Aug 2001 14:53:51 -0400 (EDT)
From: <baltimoremd@baltimoremd.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104770] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <Pine.BSI.4.05L.10108131449030.14366-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 13 Aug 2001, Bruce Muscolino wrote:

> Thom,
>
> For your benefit, as you apparently have never been on the calling
> frequencies used by QRPers,

Bruce, why not take you pompous hat off when you post. You have no idea what frequencies I use.

> frequencies + and - one or two kilohertz. I seriously doubt that the
> addition of one more activity would over load them!

And on the other hand, those that are rockbound will just have to wait, won't they?

But, what do I know? You've already looked into your sphere to determine what frequencies I never use.

I'll send you some blank QSL cards so you can fill them out for me.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Mon, 13 Aug 2001 12:13:17 -0700

From: Mike Gipe <mgipe@reliablemeters.com>
To: w1rfi@arrl.org, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104771] RE: [fpqrp] Anti-ARRL Sentiment
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A964B869@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I think that cell phone users should be required to pass a 5 wpm (sending and receiving) morse code test before being permitted to use their phones while driving. This would improve highway safety by keeping the riff-raff off the phone.

In addition, all wireless computer network users should be required to pass a 12 wpm morse code test in order to demonstrate their understanding of the foundations of digital communications protocols.

The side benefit would be reduced pressure to reassign amateur frequencies to other uses.

Mike K1MG

> -----Original Message-----
> From: Hare,Ed, W1RFI [mailto:w1rfi@arrl.org]
> ...
> But, IMHO, the question of Morse code testing, in either
> direction, does not
> even make the top 10 list of problems facing Amateur Radio
> today. And you
> don't even want to know my personal views about what I think
> the long-term
> solution to Morse-code testing should be. :-)
>
> 73,
> Ed Hare, W1RFI
> ...

Date: Mon, 13 Aug 2001 15:24:58 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: colcal@srv.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [104772] Re: OT: Charge for RS Catalog
Message-ID: <3B78298A.B1C84E56@erols.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ohmugosh, the nerve of Radio Shack, trying to recover their costs from a bunch of people who collect catalogs and never buy anything.

So, you canceled your order, did you? Smart. I guess that showed them. You drove 30 miles (I hope it was not one way) and came home with an empty sack! Sure got your parts for you didn't it.

Radio Shack has tried this before. If you wait a week or a month, or if they know you as a regular customer, they usually will give you a catalog. Remember, they are in business to sell stuff, not to make it hard on you!

73

Date: Mon, 13 Aug 2001 15:37:56 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: mgipe@reliablemeters.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [104773] Re: [fpqrp] Anti-ARRL Sentiment
Message-ID: <3B782C94.9239F64A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

And I suppose you will administer all these things? Cell phones and wireless networks don't have any way to verify the user's capabilities. If they have money they have the service. Ham radio, on the other hand, while not requiring a license to purchase gear in this country, is relatively immune from people getting on CW because they don't understand it!

73

Date: Mon, 13 Aug 2001 15:58:07 EDT
From: MITCHELLRI@aol.com
To: qrp-l@lehigh.edu
Subject: [104774] MRX-40 Receiver kit? Plus FT817 info
Message-ID: <51.fa718fe.28a98b4f@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

OK, I bought the Yaesu FT 817, made cw paddles from a power plug,(tnx qst for that one!), and am having fun. But, the bug to build has bitten again. I have the TT2 on 40, and several pixie's on 40/80, but the MRX-40 receiver looks like the next victim of WA1GJF's Burnsomatic 5million degree torch. Does anyone know if there is a kit available, or do I start at FAR circuits, and then mouser, Ocean State Electronics, etc.
BTW, cheap 1200mh batteries for the 817 at W&W , www.ww-manufacturing.com. 6 AA's + ship for \$25, not the \$50 Yaesu wants. Just remember to cut that green wire on the battery pack to make the 817 think it has a factory pack to charge.

'73.

Leeds
WA1GJF

Date: Mon, 13 Aug 2001 12:59:40 -0700
From: Stephen M Smith <sigcom@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [104775] Ameco AC-1 (was Re: Wanted!)
Message-ID: <20010813.125941.-284405.8.sigcom@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

Here's an additional web page for info on the AC-1:

<http://www.qsl.net/wb1gfh/ameco.html>

Great site for those wanting to restore or clone one or just to drool over the pictures :-). Classic litte QRP rig.

73.....Steve 'The Scrounger' Smith
WB6TNL Oxnard, CA USA

"snort rosin"

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Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 13 Aug 2001 15:57:46 -0500
From: "Randy Randall" <RANDALLR@Healthall.com>
To: <qrp-1@Lehigh.EDU>, <colcal@srv.net>
Subject: [104776] Re: OT: Charge for RS Catalog
Message-ID: <sb77f908.059@healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

I agree. Why should I pay for a catalog for RS to sell me stuff? If they =
would give one away with a \$5.00 purchase, I could go for that. I =
understand that printing catalogs costs big \$\$\$\$. I think that this would =
be a better, and better accepted system than the current one.

Randy KB8AS0

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
Phone 513-585-7146
Fax 513-585-7159

>>> "Francis Callahan" <colcal@srv.net> 08/13/01 12:57PM >>>
When RS tried to charge me for a catalog I told them to cancel the sale =
and I
would be getting my stuff from 800 numbers in the future. Guess what I =
walked
out with a free catalog in the bag. I guess they figured that the lost =
of a
\$30.00 sale wasn't worth the price of the catalog. Try it it may still =
work
72 Cal KF7ET misplaced Vermonter in Idaho
----- Original Message -----
From: "William R Colbert" <w5xe@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 13, 2001 7:59 AM
Subject: Re: OT: Charge for RS Catalog

> They did that a couple of years ago and don't think it was
> too popular. A lot of people did what I did - use the previous
> year's catalog which for the most part, does not change
> numbers, etc on the small parts. So, I guess I will keep
> my 2001 catalog around this year for those seldom made

> trips to the Shack. Availability and price comparisons
> can be made using their counter copy.
>
> 73
> Ray
>
> "Politicians are like nappies. Both should be
> changed regularly -- and for the same reason"
> "Scotsman - Scotsman's Diary 12/97"
> Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78
> fp #111 ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS
>

Date: Mon, 13 Aug 2001 15:53:00 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104777] RE: MMANA vs EZNEC
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3694@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, John,

I took a quick look at the MMANA program and agree; it is well worth the price. It is MININEC based, instead of NEC-2, but for most antenna types, the results will be virtually identical.

I disagree with the statement about EZNEC. I have used it for years and find it to be helpful and reasonably user-friendly. Are you sure that statement wasn't intended for the native NEC code? To use NEC, you have to have an input file, formatted exactly, and the resultant output files give things like patterns and field strengths in table format. Now THAT feels good when you stop! EZNEC is right on a par of useability with the MMANA program.

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: John R Kirby [mailto:n3aaz-qrp@juno.com]
> Sent: Monday, August 13, 2001 1:23 PM
> To: Low Power Amateur Radio Discussion
> Subject: MMANA vs EZNEC
>

>
> Never use EZNEC but know several who have and
> understand it is like hitting your thumb with a hammer . . .
> It feels soooo good when you STOP.
>
> May I suggest a user friendly program, yep it is free too!
> AND it will will provide a matching network for YOUR design,
> just click OPTIONS then click OPTIONS and SETUP . . . W O W ! ! !
>
> MMANA thanks to MM (JE3HHT) at . . .
> >>><http://www.geocities.com/mmhamsoft/><<<
> There is other O U T S T A N D I N G free (for amateur radio)
> software
> here too.
>
> Not sure but MMANA >maybe< NEC based . . .
>
> I DO KNOW (first hand) MMANA IS USER FRIENDLY and IT WORKS.
>
> John
> N3AAZ
> FM 19 xa
>
>
>
> On Mon, 13 Aug 2001 05:39:27 -0600 (MDT) "Karl F. Larsen"
> <k5di@zianet.com> writes:
> >
> > I have never used this software but do hear it's quite good
> >for
> >simple antenna. It is for sure a system that uses numerical analysis
> >to
> >calculate antenna parameters and it can be quite accurate. I would
> >like to
> >know how it calculates antenna radiation efficiency. The source code
> >would
> >show that.
> >
> > WB5LHV Charlie has a copy of some antenna calculation software
> >on
> >his computer. I will see if it gets the same numbers that EZNEC does.
> >
> >--
> >Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> >
>

> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.
>

Date: Mon, 13 Aug 2001 16:02:18 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104778] RE: [fpqrp] Anti-ARRL Sentiment
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3696@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Now, Mike, if CW were such a great riff-raff filter, could we not use it to ensure that our elected politicians, police, teachers and judges, to name just a few, were of great moral character? :-)

IMHO, Amateur Radio testing is intended to test the qualifications of the applicant to follow the rules and his or her potential to meet the intended goals of the radio Service. A few hams have seen our tests as a "riff-raff" filter, but I don't believe the FCC has ever intended them as such.

73,
Ed Hare, W1RFI

> -----Original Message-----
> From: Mike Gipe [mailto:mgipe@reliablemeters.com]
> Sent: Monday, August 13, 2001 3:13 PM
> To: w1rfi@arrl.org; Low Power Amateur Radio Discussion
> Subject: RE: [fpqrp] Anti-ARRL Sentiment
>
>
> I think that cell phone users should be required to pass a 5
> wpm (sending
> and receiving) morse code test before being permitted to use
> their phones
> while driving. This would improve highway safety by keeping
> the riff-raff
> off the phone.
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> In addition, all wireless computer network users should be

> required to pass
> a 12 wpm morse code test in order to demonstrate their
> understanding of the
> foundations of digital communications protocols.
>
> The side benefit would be reduced pressure to reassign
> amateur frequencies
> to other uses.
>
> Mike K1MG
>
>
>
> > -----Original Message-----
> > From: Hare,Ed, W1RFI [mailto:w1rfi@arrl.org]
> > ...
> > But, IMHO, the question of Morse code testing, in either
> > direction, does not
> > even make the top 10 list of problems facing Amateur Radio
> > today. And you
> > don't even want to know my personal views about what I think
> > the long-term
> > solution to Morse-code testing should be. :-)
> >
> > 73,
> > Ed Hare, W1RFI
> > ...
>

Date: Mon, 13 Aug 2001 15:20:51 US/Central
From: delphinus@brightok.net
To: qrp-l@Lehigh.EDU
Subject: [104779] Neon Bulbs
Message-ID: <200108132020.PAA15077@mail5.brightok.net>

Gang,

I was reading this weekend about the old timers who used neon bulbs to tune their antennas. They would place one in the transmission line, and then tune for maximum brilliance. Well, I want to try that out. However, when I looked in the Mouser catalog, there were many types of neon bulb. Are there any suggestions about what current or voltage ratings are necessary to use them to tune up? The article suggested the type "NE2," however Mouser had several subtypes to choose from.

73 de Matthew,

AD5AP

This message was sent using BrightNet MailMan.
<http://www.Brightok.net/mailman/>

Date: Mon, 13 Aug 2001 16:28:56 -0700
From: "John Dorson" <JDORSON@worldshare.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104780] Re: OT: Charge for RS Catalog
Message-ID: <000b01c1244f\$b9cfbc60\$566e5a41@john>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

GREAT RESPONSE.....

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, August 13, 2001 12:24 PM
Subject: Re: OT: Charge for RS Catalog

> Ohmugosh, the nerve of Radio Shack, trying to recover their costs from a
> bunch of people who collect catalogs and never buy anything.
>
> So, you canceled your order, did you? Smart. I guess that showed
> them. You drove 30 miles (I hope it was not one way) and came home with
> an empty sack! Sure got your parts for you didn't it.
>
> Radio Shack has tried this before. If you wait a week or a month, or if
> they know you as a regular customer, they usually will give you a
> catalog. Remember, they are in business to sell stuff, not to make it
> hard on you!
>
> 73
>

Date: Mon, 13 Aug 2001 13:29:44 -0700
From: Bob Nielsen <nielsen@oz.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [104781] Re: EZNEC

Message-ID: <20010813132944.B12786@oz.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Disposition: inline

On Mon, Aug 13, 2001 at 05:39:27AM -0600, Karl F. Larsen wrote:

>

> I have never used this software but do hear it's quite good for
> simple antenna. It is for sure a system that uses numerical analysis to
> calculate antenna parameters and it can be quite accurate. I would like to
> know how it calculates antenna radiation efficiency. The source code would
> show that.

>

> WB5LHV Charlie has a copy of some antenna calculation software on
> his computer. I will see if it gets the same numbers that EZNEC does.

Karl,

EZNEC is a Windows program which in reality is a front-end/back-end for the NEC2 (Numerical Electromagnetics Code) developed at Lawrence Livermore Laboratories, which uses method-of-moments analysis. The source code for NEC2 is public domain and freely available. WB6TPU has a NEC web site with several executables plus the source code <<http://www.qsl.net/wb6tpu/swindex.html>>.

There is a free demo version of EZNEC at <http://www.eznec.com> which has all the features, but is limited to a small number of segments in describing the antenna.

W7EL's EZNEC is much easier to use than the original NEC2 and has nice graphics (the original code was meant to be run with a stack of IBM cards--I haven't done that in over 30 years). Roy also has a version for NEC4, which does a much more detailed analysis, but requires an expensive license from Lawrence Livermore.

73, Bob

--

Bob Nielsen, N7XY

Bainbridge Island, WA

IOTA NA-065, USI WA-028S

nielsen@oz.net

<http://www.oz.net/~nielsen>

Date: Mon, 13 Aug 2001 20:37:07 GMT

From: k5oi@arrl.net

To: qrp-1@lehigh.edu
Subject: [104782] OT: Moving to OK!
Message-ID: <20010813203707.3175.qmail@zianet.com>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang:

I'm moving to Oklahoma! The moving van is loading as we speak. Should be on the road this Friday (working mobile of course). I've missed a couple of the fox hunts but hope to get active again pretty soon. Good bye to my New Mexico friends and hello to OK. Sorry for the bandwidth. As our local IT folks say, "the transition should be seamless", to the rest of you. I'm going to be without e-mail for a few days.

Tim K5OI

Date: Mon, 13 Aug 2001 14:41:51 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: <k5di@zianet.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104783] Re: EZNEC
Message-ID: <Pine.LNX.4.33.0108131439160.1624-1000000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, Well now the older MININEC is just found for reference. All the NEC software is now using the NET-2D version. I have found some for Linux and will get them when the internet allows it. Very slow here this afternoon.

On Mon, 13 Aug 2001, George, W5YR wrote:

> Karl, I suggest that you contact Roy Lewallen, W7EL, for information on
> EZNEC and a free downloadable demo. This program implements NEC2 and is
> considered to be the "standard" for amateur antenna system analysis. I
> limit it to "amateur" since the price for programs intended for the
> professional market is many times that of EZNEC. However, EZNEC is widely
> used in professional circles as well.
>
> Roy has ads each month in QST and can be reached at
>
> <http://www.eznec.com>

>
> EZNEC does far more than calculate antenna system parameters, as you will
> see from the demo program. And as you probably know, Roy is regarded as one
> of the leading antenna system experts in the amateur and professional
> communities.
>
> One note of caution: most of the other programs in this area and those
> preceding EZNEC use the older MININEC program as a basis. While MININEC
> works well under certain circumstances, it has serious problems in others,
> especially with antenna elements operated near the ground. So, when
> comparing EZNEC results with other analysis program, keep that in mind.
>
> You might also want to review the articles by LB Cebik on antenna modelling
> which have appeared in QST. The first was in the November 2000 issue on
> page 34. LB uses both EZNEC and the NEC-Win Plus modelling program in his
> examples. Both use the NEC2 core engine.
>
> 72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 55th year and it just keeps getting better!
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
> Karl F. Larsen wrote:
>
> > I have never used this software but do hear it's quite good for
> > simple antenna. It is for sure a system that uses numerical analysis to
> > calculate antenna parameters and it can be quite accurate. I would like to
> > know how it calculates antenna radiation efficiency. The source code would
> > show that.
> >
> > WB5LHV Charlie has a copy of some antenna calculation software on
> > his computer. I will see if it gets the same numbers that EZNEC does.
> >
> >
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 13 Aug 2001 16:25:09 -0400
From: Ed Kessler <edkess@pa.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: Dave Benson <nn1g@earthlink.net>, "Eastern PA QRP Club" <epaqrp-1@Lehigh.EDU>, MACVNOLIN@aol.com, Russ Carpenter <russ@natworld.com>
Subject: [104784] My Backpacking Rig for ARS Rendezvous
Message-ID: <5.0.2.1.0.20010813161726.00a1c7a0@mail.pa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Just for fun, I built a web page showing my newest creation - a minimized SW20+ transceiver built for backpacking, but especially for the ARS Rendezvous coming up in a couple of weeks. Many thanks to Dave Benson of Small Wonders Labs for getting the kit to me post-haste after I finally decided what I wanted to do. You sure can't beat Dave when it comes to customer service! The rig works great too!

If you're interested in a backpacking setup that weighs in at around 1.5 pounds total, including the batteries and antenna, take a look.

<http://www.qsl.net/aa3sj/HOME.html>

The backpacking link is at the bottom of the page.

73
Ed AA3SJ

Date: Mon, 13 Aug 2001 16:26:45 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: RANDALLR@Healthall.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [104785] Re: OT: Charge for RS Catalog
Message-ID: <3B783805.C24B4CE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did anyone ask? Why don't you try it at your local Radio Shack and let us know how it works out. Before I became a resident of this wheelchair, I did just that at my local Radio Sack and they threw in the catalog!

73

Date: Mon, 13 Aug 2001 15:43:19 -0500

From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'delphinus@brightok.net'" <delphinus@brightok.net>, Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [104786] RE: Neon Bulbs
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA04A49DCD@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

You surely DON'T want to place a neon bulb ".... in the transmission line....", Matthew! Nor do you want to put a #47 pilot lamp in series with the feedline.... use it as a dummy load (or call me on the phone and I'll come over!) for QRP is OK.

If you'll re-read those articles about neon bulbs, Matthew, I think you'll find that the "neon bulb" was capacitively coupled to the feedline (in the "old days", they often used end-fed Zepps, "L" antennas (also end-fed)) with only ONE terminal of the "neon bulb" connected to the feedline (which was also usually the "feedline" of the antenna). The other "terminal" was simply the capacitance between the operator's hand, or the capacitance between the internal elements of the neon bulb and ground (depending on the r.f. power output of the transmitter).

In fact, the famous Heakit "AC-1" antenna tuner of the mid-50's used an NE-2 neon lamp as the "tuning indicator". It was mounted in a rubber grommet on the front panel of the tuner, with only the center-pin (of the lamp housing) connected to the r.f. line. It worked well with only about 10-25 watts of power (usually from a Heath AT-1 transmitter) and an end-fed wire.

How much transmit power are you planning to use, Matthew?

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: delphinus@brightok.net [SMTP:delphinus@brightok.net]
Sent: Monday, August 13, 2001 10:21 AM
To: Low Power Amateur Radio Discussion
Subject: Neon Bulbs

Gang,

I was reading this weekend about the old timers who used neon bulbs to tune

their antennas. They would place one in the transmission line, and then tune for maximum brilliance. Well, I want to try that out. However, when I looked in the Mouser catalog, there were many types of neon bulb. Are there any suggestions about what current or voltage ratings are necessary to use them to tune up? The article suggested the type "NE2," however Mouser had several subtypes to choose from.

73 de Matthew,
AD5AP

Date: Mon, 13 Aug 2001 17:17:18 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [104787] TT2 in an Electrical Box!
Message-ID: <20010813.172123.-388135.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

For those looking for an enclosure for their Tuna Tin 2 and have nether the appetite for tune or a cat, consider the mounting method that one of our BARK members, Duane, KF2JC used. He bought a square ceiling electrical box, the type used for ceiling lights, ceiling fans or junctions in most any electrical installation.

Duane mounted his board corner to corner on the existing cover plate hardware and mounted the connectors on the sides of the box. As soon as I can get a picture from him I'll try to remember to make it available here.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section
My night light runs more power than my Rig!!!
Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 13 Aug 2001 14:21:02 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: delphinus@brightok.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104788] Re: Neon Bulbs
Message-ID: <3B7844BE.35E86E34@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What I used in the fifties was a Neon bulb with two wires. I attached one end to the top of the tank circuit in my tuner (built in an open plywood box .. no TV locally at the time!), let the other end "float" and tuned for max brightness .. this feeding a random wire. Later I went to a classic Windom and added an RF ammeter to the tuner box.

The Neon bulb (think it was an NE-2) was in the general shape of a sharpened bullet .. with the wires coming out the flat end. Abt .22 Caliber in diameter.

Not sure if this approach was technically valid at the time, but I got out OK. Now I am using much more automated equipment which, given its sophistication and cost, **must** be technically valid :-;

73, Phil W7OX
delphinus@brightok.net wrote:

>
> Gang,
>
> I was reading this weekend about the old timers who used neon bulbs to tune
> their antennas. They would place one in the transmission line, and then tune
> for maximum brilliance. Well, I want to try that out. However, when I looked
> in the Mouser catalog, there were many types of neon bulb. Are there any
> suggestions about what current or voltage ratings are necessary to use them to
> tune up? The article suggested the type "NE2," however Mouser had several
> subtypes to choose from.
>
> 73 de Matthew,
> AD5AP
>
> -----
> This message was sent using BrightNet MailMan.
> <http://www.Brightok.net/mailman/>

Date: Mon, 13 Aug 2001 14:24:31 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: Ken Newman <N2CQ@Citnet.com>
Cc: njqrp@njqrp.org, qrp-1@Lehigh.EDU, epaqrp-1@Lehigh.EDU, cgreene@fctvplus.net
Subject: [104789] Re: RBA-1 Balun (Was LDG Balun Problems)
Message-ID: <3B78458E.2A47F94B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

FWIW .. I have both a new and old factory-built LDG balun. I have verified Ken's results. Plus the new one works well at 6 meters! The new one (called an RBA-1, I think) is a big improvement.

Phil W7OX

Ken Newman wrote:

>
> At 11:48 AM 8/7/01 -0400, Ken Newman wrote:
> >My (old) BA-1 has the T120-2 (Red) core as expected. I tried the test
> >on my BA-1 with a non-inductive 200 ohm resistor as the antenna
> >load. The SWR is about 4:1 on 80 meters and 10:1 or more on 160 M.
> >2:1 on 40 and lower on the higher bands. I called LDG today. I did
> >not try to get him to replace the T120-2 for free but asked for
> >a replacement with the FT-125 that is now being sent with the NEW
> >RBA-1 kit. He agreed to send one at a very low cost. I expect to
> >receive it this week and I expect it will be much better. Will
> >let you know otherwise.
> >
> >
> WOW What a difference!
> I replaced the T-200-2 with the FT-125-61, adding 4 extra turns on it.
> The results were 1:1 from 1.8 to 30 Mhz. I used the Kenwood TS-850
> at 1 watt to drive the rebuilt BA-1 balun with the 200 ohm non-inductive
> resistor as the antenna load. I would recommend replacing
> the core on the BA-1 from LDG or order the new RBA-1 which uses this
> arrangement. You could order the core from LDG and if you do, ask for
> a new piece of Thermaleze and lugs since more turns are required.
> The first post of the "LDG Balun Problems" I noted was on July 4 by
> Jim, AD4J. Thanks to all who had posted info on this improvement.
>
>
> 72 de
> Ken Newman - N2CQ == QRP CONTEST CALENDAR ==
> Woodbury, NJ <http://www.njqrp.org/data/contesting.html>

> FM29jt
> N2CQ@ARRL.NET
>
>

Date: Mon, 13 Aug 2001 14:28:34 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: Karl.Kanalz@allegiancetelecom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104790] Re: Neon Bulbs
Message-ID: <3B784682.C53F7661@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Kanalz, Karl" wrote:

>
> I think you'll find that the "neon bulb" was capacitively
> coupled to the feedline (in the "old days", they often used
> end-fed Zepps, "L" antennas (also end-fed)) with only ONE
> terminal of the "neon bulb" connected to the feedline (which
> was also usually the "feedline" of the antenna). The other
> "terminal" was simply the capacitance between the operator's
> hand, or the capacitance between the internal elements of the
> neon bulb and ground (depending on the r.f. power output of
> the transmitter).

Exactly so!

>
> In fact, the famous Heakit "AC-1" antenna tuner of the mid-50's
> used an NE-2 neon lamp as the "tuning indicator". It was mounted
> in a rubber grommet on the front panel of the tuner, with only the
> center-pin (of the lamp housing) connected to the r.f. line. It worked
> well with only about 10-25 watts of power (usually from a Heath
> AT-1 transmitter) and an end-fed wire.
>
> How much transmit power are you planning to use, Matthew?
>

In my olden set up (described in an earlier msg) I was running 150 DC
input to a pair of 1625s. Since they were running Class C, probably
80-100 Watts of output power.

Phil W7OX

Date: Mon, 13 Aug 2001 17:35:33 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPAQRP" <epaqrp-l@lehigh.edu>, "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [104791] Announcing - QHB Extra!
Message-ID: <000501c12440\$76ce1a10\$6aca9cce@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi friends,

The NJQRP Club is really proud to now formally announce a new feature of our QRP Homebrewer magazine ... "QHB Extra!"

"QHB Extra!" provides website availability of the homebrewing photos, graphics, schematics, layouts, parts lists, software source code listings, and other useful material contained in past issues of QRP Homebrewer (also known as QHB).

With the permission of the various contributing authors, this website allows QHB subscribers to see the same photos & graphics that are contained in the printed version of QHB received by subscription in the mail ... but each one is in full color and/or higher-resolution!

Oftentimes the clarity, size and color of a graphic is compromised because of printing process limitations and size restrictions of the printed magazine. Plus, we often need to omit multiple photos & graphics in order to keep the page count low enough to contain subscription costs.

Well, "QHB Extra!" is a way a subscriber can look online to see the original photo in a better, more favorable manner. And we've placed all those extra graphics and photographs on the QHB Extra! website too, enabling everyone to view the extra material that an author submitted for the article.

Article text is **not** included - only the graphics and photos. QHB will remain a printed and mailed journal, but the online nature of QHB Extra! offers subscribers a way augment their QRP reading experience by seeing those same photos (and more!) online and in beautiful color and increased resolution.

Yes, even non-subscribers of QHB can access this "QHB Extra!" website. **Anyone** can view/download/print the material. But it all has special

significance for the QHB readers and can be used to effectively augment the material presented by all our fine contributing authors.

Imagine being able to see the beautiful, highly-detailed and full color craftsmanship of Jim Kortge, K8IQY in his "4017 Transverter" article of QHB #5. Or perhaps the detail and clarity of the many photos used by L.B. Cebik, W4RNL in his "many antenna uses of PVC" article in QHB #3. Dave Benson's K1SWL full color schematic of the Warbler is incredibly beneficial. One can now view and locally print out these and any other of the hundreds of photos, diagrams and charts contained on the QHB Extra! website.

We first introduced the QHB reader to this new capability in the "From the Editor" column of the last issue, but we've only just now completed the full complement of website content. You can get to the QHB Extras website at <http://www.njqrp.org/qhbextra/index.html>

Please be aware that since the content is heavily graphic in nature - often higher resolution and color images - page loading times will be slower than normal for dial-up Internet access that most people have. We're working to compress some of the larger images without losing the quality benefit, and this will help with loading times. Meanwhile, rest assured that once the given web page for the selected issue of QHB Extra! is downloaded, you'll have the full set of images that you can save to local disk for easy access next time. (Using the browser's menu item File -> Save as ...)

We're starting out simple, but we now have five issues-worth of graphics and pics up there - pretty awesome! Let us know what you think of the feature and we'll try to keep improving it.

Thanks for everyone's support with QRP Homebrewer magazine! It's great to know that the QRP community enjoys this as much as we enjoy producing it for everyone.

73, George Heron N2APB, n2apb@amsat.org
editor & publisher of QRP Homebrewer magazine
for the NJQRP Club at <http://www.njqrp.org>

PS: The next issue, QHB #6, is going to the printer this week and all subscribers should have it very shortly. It's a great issue and we have a couple of nice treats - the intro of a new kit, and an offer for a super useful Manhattan homebrewing tool. We know you'll like them both!

PPS: For more information about QRP Homebrewer magazine (content, subscribing info, etc) see the QHB web pages at http://www.njqrp.org/data/qrp_homebrewer.html

Date: Mon, 13 Aug 2001 21:53:04 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: delphinus@brightok.net, qrp-1@Lehigh.EDU
Subject: [104792] Re: Neon Bulbs
Message-ID: <F195JYPudGMsDZF0ibY00007750@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>I was reading this weekend about the old timers who used neon bulbs to tune
>their antennas. They would place one in the transmission line, and then
>tune
>for maximum brilliance

The Special Boat Squadron of the Royal Navy (naval equivalent of the SAS)
still uses this technique with one of their antennas.

73, Leon

--
Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 13 Aug 2001 15:06:19 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <n2apb@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [104793] Re: Announcing - QHB Extra!
Message-ID: <013c01c12444\$2eb4ee30\$9110010a@fresno>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Magnificent idea George. I really enjoyed browsing through the photographs
from the earlier issues. Sure makes me want to fire up the soldering iron.

=====
Bill Jones - <><

Sanger, California

=====

Date: Mon, 13 Aug 2001 18:11:52 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <leon_heller@hotmail.com>
Subject: [104794] Neon Bulbs
Message-ID: <GAECLOGOMILPLBGKKPEGEEDCLAA.crmabbott@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The neon bulb for tuning an antenna is still around,
I dug up this URL that still shows using the neon
bulb. It still works really well!

<http://www.g3ycc.karoo.net/rock.htm>

There was a local ham, NC8N Ernie who built that
antenna and found he did not think the torrid was
the best approach. He changed the torrid to a gamma
match and it works extremely well it also seems to
tune up better also.

Getting back to what I was talking about before,
remember this is a QRP type antenna. The closer
you get the leads of the bulb together, the more
power you can use. If you are really low power,
you can spread them further apart.

I have using 3 Watt and an HW 8 hit Belgium from
a picnic table in a park in Plymouth, MI with this
antenna.

73

=====

Chuck Mabbott
AA8VS
42 19' 52" N 83 28' 32" W
Grid Square EN82gh
Home Page: <http://aa8vs.dhs.org/aa8vs>
FP-113 MI-QRP#1212 Firebirds #2117 SOC #445

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On
Behalf Of
Leon Heller
Sent: Monday, August 13, 2001 5:53 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Neon Bulbs

>

>I was reading this weekend about the old timers who used neon
bulbs to tune
>their antennas. They would place one in the transmission line,
and then
>tune
>for maximum brilliance

The Special Boat Squadron of the Royal Navy (naval equivalent of
the SAS)
still uses this technique with one of their antennas.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Date: Mon, 13 Aug 2001 15:14:07 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: aa3ur@home.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104795] Re: Collect QRP-L #'s and win valuable prizes!
Message-ID: <20010813221407.77521.qmail@web14205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I may be wrong, my kids would swear to it, but didn't
QRP-L stoped giving #'s. I believe NORCAL did and I
thought they did the same here. Like I said, I may be
wrong.

Hard to collect something you don't have.

I would like to ask, what happened to getting on the air to talk to someone? Why mess it up with trying to collect something? Just another way for someone to say they are better than all others, and another group looking for #'s and not conversation.

Oh well, to each his own. It won't stop the fun here in the pure communication with another human by the wonderous element of radio using no more than 5 watts max. 20 meter SSB at 3 watts or less is a real trip.

73, Bill KC4ATU

Do You Yahoo!?

Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Mon, 13 Aug 2001 16:24:50 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Cc: August Miller <w5ygr@arrl.net>
Subject: [104796] NEC2D Yorick
Message-ID: <Pine.LNX.4.33.0108131616510.3124-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

By blind luck I found a version of NET2D in software called Yorick that's written for Unix, Windows and Dos. I have the xxx.tgz file that includes all the source code for all versions! I use Linux called Rad Hat version 7.1 and it compiled without the slightest problem and using make install it was installed properly. A lot of documentation is included and the package was written at the Livermore Lab and that was where I downloaded it. That URL is:

<ftp://ftp-icf.llnl.gov/pub/Yorick/>

and it's quite fast being a government site.

I used "make check" and the software went through a whole series of tests and mine passed them all and made some very pretty charts in X windows. I think this is a good software!

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 13 Aug 2001 15:33:19 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: leon_heller@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [104797] Re: Neon Bulbs
Message-ID: <3B7855AF.D1791F29@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Leon Heller wrote:

>
> >
> >I was reading this weekend about the old timers who used neon bulbs to tune
> >their antennas. They would place one in the transmission line, and then
> >tune
> >for maximum brilliance
>
> The Special Boat Squadron of the Royal Navy (naval equivalent of the SAS)
> still uses this technique with one of their antennas.
>

Hopefully, we can count this as embracing tradition vs. shunning newer
technology :-;

Phil W7OX

End of QRP-L Digest 2280

